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FOR 1939-40

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A College of Liberal Arts

Founded 1831

CATALOG
Number
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Correspondence

To facilitate correspondence inquiries should be addressed as follows:

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Requests for catalogs and other numbers of the University Bulletin to the **REGISTRAR**.

Entrance credentials for new students, requests concerning requirements for graduation to the **REGISTRAR**.

Correspondence concerning rooms for women to the **DEAN OF WOMEN**; for men, to the **DEAN OF MEN**.

Correspondence concerning business, financial aid, and payment of bills to the **BURSAR**.

Correspondence concerning work in Music to the **DIRECTOR OF THE CONSERVATORY**.

Correspondence concerning Extension Courses to the **DEAN OF MEN**.

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The University Calendar

Spring Vacation ends	Monday	April 10, 8 A.M.
Mother's Day	Saturday-Sunday	May 13-14
Comprehensive Examinat'ns (seniors)	Thursday-Saturday	May 18-20
Memorial Day (holiday)	Tuesday	May 30
Examination Study Day		May 31
Final Examinations	Thursday-Friday	June 1-9
Meeting of the Board of Trustees	Saturday	June 10
Alumni Day	Saturday	June 10
Baccalaureate Sermon	Sunday	June 11
Commencement	Monday	June 12, 10 A.M.
President's Reception	Monday	June 12, 12 noon

COLLEGE YEAR 1939-1940

First Semester opens	Monday	September 11
Freshman Week	Monday-Friday	September 11-15
Registration of former students	Wednesday	September 13
Registration of new students	Thursday	September 14
Classes organized	Friday	September 15
First Convocation	Friday	September 15
Home-coming	Saturday	October 21
Dad's Day	Saturday	November 18
Thanksgiving holiday	Thursday	November 30
Classes resume	Friday	Dec. 1, 8 A.M.
Classes meet	Saturday	December 2
Christmas Vacation begins	Friday	Dec. 15, 4 P.M.

1940

Christmas Vacation ends	Wednesday	Jan. 3, 8 A.M.
Examination Study Day (no classes)	Wednesday	January 17
Mid-Year Final Examinations	Thursday-Friday	January 18-26
Second Semester begins	Monday	January 29
Registration of all students	Monday	January 29
Spring Vacation begins	Friday	Mar. 29, 4 P.M.
Spring Vacation ends	Monday	April 8, 8 A.M.
Mother's Day	Saturday-Sunday	May 11, 12
Comprehensive Examinations (seniors)	Thursday-Saturday	May 23-25
Examination Study Day (no classes)	Thursday	May 28
Memorial Day	Tuesday	May 30
Final Examinations	Wednesday-Friday	May 29-June 7
Commencement	Monday	June 10

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Class II—Term Expires June, 1940

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 TILESTON F. CHAMBERS, D.D. Granville
 H. W. T. COLLINS, M.E. 1203 Times-Star Tower, Cincinnati

*Alumnus of Denison University.

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THOMAS B. FORDHAM	Short Hills, Dayton
JULIUS G. LAMSON	214 Erie St., Toledo
HOWARD LEWIS*, A.B.	Nicholas Building, Toledo
†HARRY C. ROYAL	Ernst & Ernst, Union Trust Building, Cleveland
FRANKLIN G. SMITH	5401 Hamilton Avenue, Cleveland

Class III—Term Expires June, 1941

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LORENA WOODROW BURKE*, Ph.B. (Mrs. C. F.)	375 Riverside Dr., N.Y.C.
WALLACE H. CATHCART*, B.S., L.H.D.	10700 Euclid Avenue, Cleveland
ALFRED M. COLBY*, Ph.B.	Woodland Road, Mansfield
EDWARD A. DEEDS*, B.S., D.ENG.	20 Exchange Place, New York City
DAVID E. GREEN*, B.S., LL.B., LL.D.	1805 Guarantee Title Bldg., Cleveland
OSMAN C. HOOPER*, A.M., L.H.D.	212 Jefferson Ave., Columbus
HORACE T. HOUF, A.M., B.D., L.H.D.	Ohio University, Athens
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HARRIET HUNT RICHARDS*, Ph.B. (Mrs. C. E.) (Elected by Alumni)	379 Westland Ave., Columbus
G. HERBERT SHORNEY*, B.S.	5707 W. Lake St., Chicago, Illinois
PERCY L. WILTSEE*, A.B.	24 W. Ninth St., Cincinnati

*Alumnus of Denison University.

†Deceased.

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W. Porter Beck	Ellis P. Legler
Millard Brelsford	Howard Lewis

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David E. Green	Term expires 1939
Franklin G. Smith	Term expires 1939
Eugene J. Barney	Term expires 1940
Percy L. Wiltsee	Term expires 1940
W. R. Burwell	Term expires 1941
Ellis P. Legler	Term expires 1941
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Alfred M. Colby	Franklin G. Smith

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David E. Green	Howard Lewis

Percy L. Wiltsee

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Harold C. Phillips	

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Clifford S. Stilwell, Chairman

Frank B. Amos	Mrs. C. E. Richards
Alfred M. Colby	Avery A. Shaw

G. Herbert Shorney

The Faculty

(Arranged in order of appointment to present rank)

AVERY ALBERT SHAW.....	<i>President</i>
A.B., Acadia, 1892; A.M., 1895; Grad. Colgate-Rochester Divinity School, 1896; D.D., Acadia, 1915; LL.D., McMaster and Bucknell, 1928; D.C.L., Acadia, 1928.	
KATE S. HINES.....	<i>Librarian Emeritus</i>
A.M., Denison.	

- PAUL BIEFELD.....*Professor Emeritus of Astronomy*
B.S. in E.E., Wisconsin, 1894; Ph.D., Zurich, 1900.
- WILLIS A. CHAMBERLIN.....*Professor Emeritus of Modern Languages*
A.B., Denison, 1890; A.B., Harvard, 1891; A.M., Denison, 1894; Ph.D., Chicago, 1910; Litt.D., Denison, 1937.
- ANNA B. PECKHAM.....*Associate Professor Emeritus of Mathematics*
A.B., Wellesley, 1893; A.M., Denison, 1901.
- FANNIE JUDSON FARRAR.....*Assistant Professor Emeritus of Music*
- MALCOLM E. STICKNEY.....*Professor of Botany*
A. B., Bates, 1898; A.M., Harvard, 1900.
- FORBES B. WILEY.....*Benjamin Barney Professor of Mathematics*
A.B., Kalamazoo, 1906; A.B., Chicago, 1906; Ph.D., Chicago, 1914.
- THOMAS A. LEWIS.....*Professor of Psychology*
A.B., William Jewell, 1905; Ph.D., Johns Hopkins, 1910.
- WILLIAM CLARENCE ERAUGH.....*Professor of Chemistry*
B.S., Pennsylvania, 1898; Ph.D., Pennsylvania, 1901.
- WALTER J. LIVINGSTON.....*Professor of Physical Education*
B.S., Denison, 1909.
- KARL H. ESCHMAN.....*Professor of Music and Director of the Conservatory*
Ph.B., Denison, 1911; A.M., Harvard, 1913.
- FREDERICK G. DETWEILER.....*Professor of Sociology*
A.B., Denison, 1917; B.D., Colgate-Rochester Divinity School, 1908; Ph.D., Chicago, 1922.
- LINDLEY RICHARD DEAN.....*Eliam E. Barney Professor of Classical Languages*
A.B., Dartmouth, 1909; Ph.D., Princeton, 1914.
- ARTHUR WARD LINDSEY.....*Professor of Zoology*
A.B., Morningside, 1916; M.S., Iowa, 1917; Ph.D., Iowa, 1919.
- FRANK J. WRIGHT.....*Professor of Geology*
A.B., Bridgewater, 1908; A.M., Virginia, 1911; Ph.D., Columbia, 1918.
- JOSEPH L. KING.....*Lorena Woodrow Burke Professor of English*
A.B., Richmond, 1913; A.M., Columbia, 1922; Ph.D., Columbia, 1927.
- FREDERICK W. STEWART.....*Professor of Religion*
A.B., Rochester, 1901; A.M., Rochester, 1907; B.D., Colgate-Rochester Divinity School, 1914.
- HELEN A. BARR.....*Professor of Physical Education*
A.B., Wisconsin, 1917; A.M., Wisconsin, 1932.
- †E. BASIL HAWES.....*Professor of Education*
Ph.G., Starling Med. Col., 1908; B.S., Ohio State, 1913; M.S., Ohio State, 1914.
- LEON E. SMITH.....*Henry Chisholm Professor of Physics*
B.S., Ottawa, 1919; Ph.D., Pennsylvania, 1926.

†On leave 1st semester 1938-1939.

- HAROLD H. TITUS.....*Maria Theresa Barney Professor of Philosophy*
A.B., Acadia, 1920; B.D., Colgate-Rochester Divinity School, 1923; Th.M.,
1924; Ph.D., Chicago, 1926.
- LIONEL G. CROCKER.....*Professor of Speech*
A.B., Michigan, 1918; A.M., Michigan, 1921; Ph.D., Michigan, 1933.
- AUGUST ODEBRECHT.....*Professor of Modern Languages*
Ph.G., Ohio State, 1895; Ph.B., Denison, 1906; A.M., Denison, 1907;
Officier d'Academie.
- WILLIAM T. UTTER.....*Professor of History and Government*
B.S., N. W. Missouri State Teachers College, 1921; A.M., Chicago, 1924;
Ph.D., Chicago, 1929.
- HELEN OLNEY.....*Dean of Women*
B.S. Denison, 1916; A.M., Columbia, 1928.
- LELAND J. GORDON.....*Professor of Economics*
B.S., Pennsylvania, 1922; A.M., Pennsylvania, 1924; Ph.D., Pennsylvania,
1928.
- CYRIL F. RICHARDS.....*Dean of Men*
B.Sc., Linfield, 1918; B.D., Colgate-Rochester Divinity School, 1924; A.M.,
Manitoba, 1935.
- ANNIE M. MACNEILL.....*Associate Professor of English*
A.B., McMaster, 1903; A.M., Columbia, 1919.
- ERI J. SHUMAKER.....*Associate Professor of English*
A.B., Denison, 1915; A.M., Denison, 1921; Ph.D., Ohio State, 1934.
- W. ALFRED EVERHART.....*Associate Professor of Chemistry*
A.B., Miami, 1914; M.S., Lehigh, 1922; Ph.D., Ohio State, 1930.
- HARVEY A. DEWEED.....*Associate Professor of History and Government*
A.B., Hope College, 1924; A.M., Michigan, 1925; Ph.D., Michigan, 1937.
- EDSON C. RUPP.....*Associate Professor of Mathematics*
Ph.B., Denison, 1913; M.S., Denison, 1923.
- GEORGE D. MORGAN.....*Associate Professor of Zoology*
B.S., Denison, 1924; M.S., Pittsburgh, 1926; Ph.D., Ohio State, 1936.
- RICHARD H. HOWE.....*Assistant Professor of Physics*
B.S., Denison, 1920; M.S., Denison, 1925.
- ALMA B. SKINNER.....*Assistant Professor of Modern Languages*
Ph.B., Denison, 1905; A.M., Columbia, 1925.
- SIDNEY JENKINS.....*Assistant Professor of Physical Education*
B.S., Denison, 1920; A.M., Ohio State, 1937.
- DANNER LEE MAHOOD.....*Assistant Professor of English*
B.S., Davidson, 1922; M.S., Virginia, 1923.
- F. DEWEY AMNER.....*Assistant Professor of Modern Languages*
A.B., Colgate, 1923; A.M., Denison, 1927; Ph.D., Ohio State, 1938.
- A. COLLINS LADNER.....*Assistant Professor of Mathematics and Engineering*
A.B., Brown, 1912; A.M., Brown, 1913.

- †THOMAS R. WILEY.....*Assistant Professor of Modern Languages*
A.B., Ohio State, 1923; A.M., Ohio State, 1927.
- ANNIE LOUISE CRAIGIE.....*Librarian*
A.B., Rochester, 1913; B.S., Simmons, 1916; A.M., Ohio State, 1935.
- CHARLOTTE RICE.....*Assistant Professor of Psychology*
A.B., Ohio Wesleyan, 1926; Ph.D., Johns Hopkins, 1929.
- CHOSABURO KATO.....*Assistant Professor of Mathematics*
B.S., Denison, 1925; M.S., Chicago, 1927.
- CHARLES L. MAJOR.....*Assistant Professor of Education*
A.B., William and Mary, 1919; A.M., William and Mary, 1923.
- ALBERT A. RODEN.....*Assistant Professor of History and Government*
A.B., Oberlin, 1928; D.Sc.Pol., Brussels, 1932; Ph.D., Georgetown, 1933.
- WILLIAM N. FELT.....*Assistant Professor of Modern Languages*
A.B., Clark, 1926; A.M., Middlebury, 1931.
- HELEN I. BADENOCH.....*Assistant Professor of Physical Education*
B.S., Northwestern, 1923; A.M., Wisconsin, 1932.
- THOMAS A. ROGERS.....*Assistant Professor of Physical Education*
Ph.B., Denison, 1925.
- BRAYTON STARK.....*Assistant Professor of Music*
B.Mus., Denison, 1932; A.B., Denison, 1933; F.A.G.O., 1933.
- REGINALD W. WHIDDEN.....*Assistant Professor of English*
A.B., McMaster, 1925; A.M., McMaster, 1928; Ph.D., Yale, 1937.
- FREEMAN D. MILLER.....*Assistant Professor of Astronomy and Director of*
Swasey Observatory
B.S., Harvard, 1930; A.M., Harvard, 1932; Ph.D., Harvard, 1934.
- HENRY J. SKIPP.....*Assistant Professor of Modern Languages*
A.B., Denison, 1904; A.M., Columbia, 1910.
- HORACE KING.....*Assistant Professor of Art*
A.B., Ohio State, 1929; A.M., Ohio State, 1931.
- GEORGE H. HAND.....*Assistant Professor of Economics*
A.B., West Virginia, 1928; A.M., Princeton, 1933.
- EDWARD A. WRIGHT.....*Assistant Professor of Speech*
A.B., Iowa, 1928; A.M., Iowa, 1930.
- KING KELLOGG.....*Assistant Professor of Music*
A.B., University of Rochester, 1926; B.M., Eastman School of Music, 1930; Ph.D., University of Munich, 1935.
- ELLENOR O. SHANNON.....*Assistant Professor of English*
A.B., Tulane, 1923; A.M., Columbia, 1924.
- WILLIAM WELLS.....*Instructor in Violoncello*
- SAMUEL GELPER.....*Instructor in Violin*
- SUE HAURY.....*Instructor in Piano*

†On leave 1st semester 1938-1939.

MARY LOUISE RALSTON	<i>Instructor in Education</i>
Ph.B., Denison, 1928; A.M., Ohio State, 1932.	
ARTHUR L. HUFF	<i>Instructor in Public School Music</i>
A.B., Denison, 1928; A.M., Ohio State, 1938.	
SARA L. HOUSTON	<i>Instructor in Physical Education</i>
A.B., Wellesley, 1934; M.S., Wellesley, 1935.	
EMIL BEYER	<i>Instructor in Piano</i>
CLIFFORD S. ADES	<i>Instructor in Engineering Science</i>
C.E., Rensselaer Polytechnic Institute, 1931; M.C.E., Rensselaer, 1933; D.C.E., Rensselaer, 1935.	
AMES S. PIERCE	<i>Instructor in History</i>
A.B., Harvard, 1933; A.M., Michigan, 1937.	
BERT E. O'BEIRNE	<i>Instructor in Economics</i>
A.B., Carroll College, 1936; M.A., Wisconsin, 1938.	
F. CHAMPION WARD	<i>Instructor in Philosophy and Psychology</i>
A.B., Oberlin, 1932; M.A., Oberlin, 1935; Ph.D., Yale, 1937.	
C. A. TEMERARIO	<i>Instructor in Physical Education</i>
B.S., Geneva College, 1931; M.S., Indiana, 1937.	
MARIE E. LEIN	<i>Instructor in Modern Languages</i>
A.B., Chicago, 1933; A.M., Chicago, 1934.	
E. CLARK MORROW	<i>Special Instructor in Economics</i>
A.B., Denison, 1930; LL.B., Western Reserve, 1933.	
EDSON C. RUPP, JR.	<i>Special Instructor in Mathematics</i>
A.B., Denison, 1936.	
*R. FRED CHAMBERS	<i>Special Instructor in History and Religion</i>
A.B., Franklin College, 1923; M.A., University of Colorado, 1926.	
WILLIAM THOMAS SMITH	<i>Assistant in Art</i>
A.B., Denison, 1938.	
JESSE SKRILETZ	<i>Assistant in Speech</i>
A.B., Denison, 1938.	

*Second semester, 1938-1939.

Officers of Administration

AVERY ALBERT SHAW, A.M., D.D., LL.D., D.C.I.	<i>President</i>
CYRIL F. RICHARDS, M.A.	<i>Dean of Men</i>
HELEN OLNEY, B.Sc., A.M.	<i>Dean of Women</i>
†DONALD R. FITCH, Ph.B., M.S.	<i>Registrar and Examiner</i>
ALFRED J. JOHNSON, A.B., M.B.A.	<i>Business Manager</i>
BURT T. HODGES, B.S., A.M.	<i>Bursar</i>
RUSSEL H. WILLIAMS, B.S., M.D.	<i>Physician</i>
JOHN L. BJELKE, A.M.	<i>Secretary of the Alumni</i>

†On leave second semester 1938-1939.

MRS. EARL WELLS.....	<i>Director of Women's Dining Halls</i>
GRACE L. SPACHT, B.S., M.A.....	<i>Adviser of Freshman Women</i>
MRS. GEORGE GROGAN, A.B., B.S.....	<i>Assistant Librarian</i>
MILDRED E. LINDSEY, B.S.....	<i>Assistant Registrar</i>
EURIE LOUGHBRIDGE, Ph.B.....	<i>Assistant to Bursar</i>
MARJORIE L. WELLMAN, A.B.....	<i>Assistant to the President</i>
FLORENCE E. LINDER, A.B.....	<i>Secretary to Dean of Men</i>
VIRGINIA ENGLISH, A.B.....	<i>Secretary to Dean of Women</i>
EVA R. FITCH, B.A.....	<i>Secretary to Registrar</i>
ETHOL BRILLHART, Ph.B., A.M.....	<i>Secretary to Business Manager</i>
CONSTANCE PALMER.....	<i>Secretary to Director of the Conservatory</i>
LOIS PEOPLES, A.B.....	<i>Library Assistant</i>
MARIAN BABBS, A.B., A.B.L.S.....	<i>Library Assistant</i>
HELEN INNESS, A.B., B.S.....	<i>Library Assistant</i>
PAULINE HOOVER, A.B.....	<i>Library Assistant</i>
JAMES COX.....	<i>Director of Publicity</i>
MARSENA COX.....	<i>Assistant to the Alumni Secretary</i>
VALEKIA WELLS.....	<i>Assistant in Registrar's Office</i>
EILEEN ROBERTS.....	<i>Assistant to the Secretary of the Board of Trustees</i>
RUTH HOPKINS, R.N.....	<i>Nurse</i>
DELIA DAVIS, R.N.....	<i>Assistant Nurse</i>
MRS. ROGER ROLT-WHEELER.....	<i>Campus Housekeeper</i>
MRS. ALEXANDER CANDLISH.....	<i>Supervisor of Sawyer Hall</i>
MRS. THOMAS W. GILBERT.....	<i>Supervisor of Gilpatrick House</i>
MRS. JAMES GORDON.....	<i>Supervisor of East Cottage</i>
MRS. WILLIAM B. COLE.....	<i>Supervisor of North Cottage</i>
MRS. M. O. GARNER.....	<i>Supervisor of Parsons Hall</i>
MRS. MARION W. ABERNETHY.....	<i>Supervisor of Monomoy Place</i>
MRS. W. O. VALENTINE.....	<i>Supervisor of Mather House</i>
MRS. ERNEST FITCH.....	<i>Supervisor of Sherwood Hall</i>
MISS GLADYS WELLS.....	<i>Supervisor of Burton Hall</i>

Committees of the Faculty, 1938-1939

The first named is chairman.

Executive Council: Shaw, Richards, Olney, Fitch, Detweiler, Rice, F. J. Wright.

Absences: Stewart, Olney, Richards, Hand, Kato.

Admission: Fitch, Bjelke, Richards, Olney, Hodges, Whidden.

Athletics: Livingston, Barr, Olney, Shumaker, Skinner, Hodges.

Budget: Shaw, Johnson, Shumaker, Smith, Gordon.

Catalog: Dean, Fitch, Ladner, Shumaker, Bjelke.

Chapel: Crocker, Amner, Shannon, Spacht, Utter, Ward.

Community Service: Stickney, Bjelke, Howe, Jenkins, Odebrecht, Wells, T. R. Wiley, Rogers.

Curriculum: F. B. Wiley, Dean, Hawes, Miller, Olney, Richards, Titus, Utter.

Debate and Oratory: Crocker, MacNeill, Olney, Roden, E. A. Wright.

Examinations (Administration): Felt, Skipp, Ades, Everhart.

Examinations (student conduct): Faculty: Detweiler (1941); F. J. Wright (1940); MacNeill (1939).

Fraternities: Richards; Sigma Chi, Jenkins; Beta Theta Pi, Rupp; Phi Gamma Delta, Mahood; Kappa Sigma, Odebrecht; Phi Delta Theta, DeWeerd; Lambda Chi Alpha, Johnson; Sigma Alpha Epsilon, Crocker; Beta Kappa, Lewis, Whidden; American Commons Club, Dean.

Freshman Orientation: Titus, Olney, Richards, Rice, Houston, Major, Spacht, Whidden.

Honorary Degrees: Detweiler, MacNeill, Skipp, Wright.

Library: Shaw, Craigie, J. L. King, Smith, Utter.

Music: Eschman, Gelfer, Huff, Kellogg, Stark.

Plays and Musical Performances: E. A. Wright, Badenoch, Haury, Mahood.

Registration: Fitch, Olney, Richards, Felt, Major, Smith, E. A. Wright.

Research: Ebaugh, Lindsey, Stickney, Utter, Wright.

Rules and Regulations: Eschman, Ladner, Morgan, O'Beirne.

Schedule: Wright, Fitch, Dean, Detweiler, H. King, J. L. King, Miller, Stewart, Temerario.

Student Affairs: Richards, Barr, Olney, Rupp, Ralston, Pierce, Roden.

Student Aid: Johnson, Fitch, Olney, Richards.

Student Health Council—Faculty: Shaw, Badenoch, Olney, Richards, DeWeerd, Johnson, Livingston, Wells, Williams.

Student Publications: King, MacNeill, Odebrecht, Whidden.

Summer School: Shaw, Major, Richards, Olney, F. B. Wiley, Fitch, Johnson.

Student Placement: Hawes, Olney, Richards, Barr, Detweiler, Ebaugh, Gordon.

Vocational Guidance: Lewis, Olney, Richards, Hawes, Rice.

BOARDS OF CONTROL

Athletics—Women: Olney (1940), Barr (1941), Skinner (1942).

Athletics—Men: Shumaker (1940), Johnson (1941), Livingston (1942).

Debate and Oratory—Men: Crocker (1940), Roden (1941), E. A. Wright (1942).

Debate and Oratory—Women: MacNeill (1940), Olney (1941), Crocker (1942).

Music—Men: Eschman (1940), Huff (1941), Gelfer (1942).

Music—Women: Eschman (1940), Kellogg (1941), Haury (1942).

Student Publications—Men and Women: Odebrecht (1940), Whidden (1941), J. L. King (1942).

DENISON HISTORY

A TABLE OF IMPORTANT EVENTS

- 1830 Organization of the Ohio Baptist Education Society.
- 1831 May. Granville chosen for the site of the college.
- 1831 December. Granville Literary and Theological Institution opened with 37 students. John Pratt, president and sole teacher.
- 1832 Granville Female Seminary opened with 25 pupils.
- 1835 Founding of Calliopean Literary Society.
- 1837 Jonathan Going, D.D., became President.
- 1843 Charter of Franklin Literary Society.
- 1846 Silas Bailey, D.D., became President.
- 1846 Founding of Denison Alumni Association.
- 1853 Jeremiah Hall, D.D., became President. A scientific course established.
- 1854 Name changed to Denison University in honor of William S. Denison.
- 1856 Removal of the institution to the present campus. Cemetery laid out. Marsh Hall built.
- 1857 First number of old *Denisonian*.
- 1863 Samson Talbot, D.D., became President.
- 1865 John D. Rockefeller makes first gift to Denison. First modern languages offered, French and German.
- 1868 First Greek Letter Fraternities established.
- 1871 Talbot Hall erected.
- 1873-5 F. O. Marsh, acting president.
- 1875 E. Benjamin Andrews became President.
- 1878 William Rainey Harper became principal of the Academy.
- 1879 Alfred Owen, D.D., became President.
Founding of Denison Y. M. C. A.
Construction of first Doane Library.
- 1882 First issue of *Adytum*.
- 1885 First number of the *Journal of the Scientific Laboratories*.

- 1887 Galusha Anderson, S.T.D., became President.
The young women's school named Shepardson College in honor of Dr. Daniel Shepardson.
- 1888 Burton Hall.
- 1890 Daniel B. Purinton became President.
- 1891 King Hall.
- 1893 Shepardson Dining Hall.
- 1895 Founding of the Conservatory of Music.
Doane Academy Hall and Barney Memorial Science Hall built.
- 1897 Gift of Thresher Hall and erection of Recital Hall for the Conservatory of Music.
- 1901 Emory W. Hunt, D.D., became president.
- 1902 President's residence built.
Department of History and Economics established.
- 1903 Department of Engineering established.
- 1905 Cleveland Hall, Stone Hall, and Doane Gymnasium built.
Barney Science Hall destroyed by fire.
- 1906 Barney Science Hall rebuilt.
- 1909 Swasey Observatory.
- 1911 Theta Chapter of Ohio, Phi Beta Kappa established.
- 1913 Clark W. Chamberlain, Ph.D., became President.
- 1920 First celebration of Mother's Day.
- 1922 Deeds Field dedicated.
- 1924 Swasey Chapel.
- 1925-27 Bunyan Spencer, D.D., acting president.
- 1926 Beaver Hall and Sawyer Hall.
- 1926 Chemistry Cottage.
- 1927 Avery A. Shaw, D.D., became President.
- 1929 Whisler Memorial Hospital.
- 1931 Centennial celebration.
- 1939 Shaw Hall.

ACCREDITING

Denison University is accredited by the North Central Association of Colleges and Secondary Schools as a degree-granting

institution. It was placed on the association's first published list of accredited institutions in 1913. It is recognized and approved by the Association of American Colleges, the Association of American Universities, the Ohio College Association, the Ohio State Department of Education, the American Association of University Women, and the American Association of University Professors.

AIM

Denison University is a Christian college in the sense that all its instruction is motivated by Christian principles. There is no attempt to force religion into a particular denominational expression and all the advantages of the institution are offered without any religious distinction.

Denison University is a college of liberal arts in which the development of persons takes precedence over all other aims. Consequently the University attempts to aid the student to achieve:

- (1) an ability to think honestly, clearly, and constructively;
- (2) a facility in the oral and written use of English, and some familiarity with the treasures of literature;
- (3) an understanding of the meaning and methods of the main branches of learning;
- (4) sufficient concentration in one or two fields of learning so that he may be prepared more adequately for his life work;
- (5) an interest in the excellent management of his mind and body so that they may become contributing factors in the furtherance of his life aims;
- (6) an appreciation of all peoples, past and present, which will contribute toward a cosmopolitan attitude of mind;
- (7) a social outlook and way of living that will lead to mutually satisfying and helpful relations with others;
- (8) an appreciation of beauty as expressed in nature and the arts;

(9) the determination to use his knowledge for human welfare; and

(10) a personality developed around Christian principles and ideals.

The courses of instruction are based on the purpose of imparting a liberal training in the arts and sciences. Students are encouraged to build a broad foundation of knowledge, to form an acquaintance with several fields of thought, as a preparation for later specialization. While the entire course is planned for general rather than vocational training, it is found in practice that this procedure gives the best foundation for all kinds of professional careers. Professional schools prefer and in many cases demand it of their students. Provision is made at Denison to prepare students for entrance to schools of law, medicine, theology or other professional courses and for a start in many technical employments.

PERSONNEL WORK AND GUIDANCE

Denison University endeavors to maintain close personal contacts between students and faculty members. Before the student comes to the campus, a personnel card is made out for him on which his test scores are given, together with his high school rank and a number of facts designed to help his counselor to understand him as well as possible. The personnel card also gives his vocational preference, if he has one, and his vocational interest test scores. On the basis of this information, we are able to assign the student to a faculty counselor more or less in line with his major interests. The counselor is thus given a summary of all the information we have about the student and is asked to advise him regarding his registration and his extra-curricular activities. More than forty members of the faculty are acting as counselors, with seven or eight freshmen as their advisees. They are asked to report to the deans' offices at four-week intervals, giving briefly their opinion of the student's classroom progress, whether or not he is working up to capacity, along what lines he is showing most de-

velopment, and in what ways he is experiencing difficulty. In the case of the latter, the counselor is asked to state the trouble, its probable cause and the remedy he has suggested.

On the basis of the test scores, together with high school marks and principal's statements, certain recommendations are made to the counselor regarding the student's registration. Some freshmen classes are divided so as to group students of similar ability in the same section. Evidence of the student's reading ability is obtained from the test scores, and students with relatively poor reading habits are required to take a course in Reading Therapy. Some students, whose records indicate that they do not work up to their ability by reason of poor study habits, are recommended to take a course "The Psychology of Adjustment to College Life." In this course they are led to consider their general attitudes and interests and such practical matters as the use of their time, their methods of note-taking, reviewing, preparing for examinations, and so on.

As the student progresses through his course he has the privilege of changing counsellors and normally seeks advice from the head of the department, in which he decides to major. The deans' offices keep a cumulative record for each student, on which are entered his significant college experiences—grades, honors, changes in vocational aim, student activities and so on. Students are free at any time to consult the deans and appointments are made for interviews as need arises. Students are urged to confer with them. Each faculty member is willing to give generously of his time to personal consultation, whether for aid in rethinking matters of conduct or for assistance in surmounting defects in previous scholastic training. Students should not fail to seek the acquaintance and help of any officer or teacher.

COURSE PLANNING—VOCATIONAL GUIDANCE

The Departments of Instruction offer a wide range of courses. It is essential that each student make careful choice among them. To assist in making a wise selection the Registrar

will send a bulletin containing suggested programs of study. These are planned to prepare the student for varied pursuits after graduation, such as: post-graduate work, law or medical school, theological seminary, teaching, journalism, diplomatic service, engineering, social work, business and other careers.

Under the direction of the Faculty Committee on Vocational Guidance opportunities for vocational conferences are made possible. Professional or business men and women are brought to the campus to present the claims of their respective callings. Vocational counsellors are invited at times to speak to the student body, and to hold individual or small-group conferences. Further personal help is available from any teacher, especially heads of departments. Occupational literature may be obtained from them or from the chairman of the Vocational Guidance Committee, with whom students may make arrangements for the taking of personality, vocational interest, or aptitude tests.

APPOINTMENTS AND PLACEMENT

Students are assisted by the heads of departments and the deans to find suitable employment or enrolment in graduate schools. A high percentage of successful placements is maintained by these means in various phases of business and industry. Students seeking professional training are assisted in registration at suitable graduate schools.

The appointment service of the Department of Education aims to give assistance to all seniors who seek teaching positions. In recent years a large percentage of the Denison candidates for teaching positions have been placed. Recommendations are made with great care strictly upon the basis of the personnel records. In accepting a candidate for teacher training Denison does not thereby assure the candidate of placement. Superintendents and school officials are invited to use the appointment service and to interview prospective teachers at Granville when the University is in session. No fee is charged either candidate or employer. Information may be obtained from Professor E. B. Hawes, Granville, Ohio.

Method and Terms of Admission

Students are admitted to Denison University by presenting a certificate of graduation from an approved high school or preparatory school and by taking an examination. Certificates are acceptable from schools which are approved by State Superintendents of Public Instruction, or by regional accrediting agencies such as the North Central Association of Colleges and Secondary Schools. Applicants for admission must present evidence of good moral character, and the act of registration is regarded as an agreement on the part of the student to abide by all college regulations. An Application Fee of \$3.00 is charged to cover the cost of investigating the applicant's fitness for admission and evaluating of credits. Irrespective of the decision of the Admissions Committee in granting or denying admission this fee is not returnable. This fee is not to be confused with the dormitory room retaining fee. (See pages 22 and 36). The certificate blank and application for admission blank may be obtained upon request from the Office of the Registrar, Denison University, Granville, Ohio.

Applicants for admission to the freshman class must (1) present an official certificate of graduation from a first grade high school or preparatory school, (2) present an admission blank properly filled in, and (3) take several objective achievement tests the results of which are useful in personal guidance of the student (see page 18). Students are accepted for admission on certificate, and without examination in specific subjects, but all are required to make a satisfactory score in the achievement tests. Information as to time and place for these tests will be sent out in the spring of the year. Each applicant is required to furnish character recommendations from the high school officer, pastor, a business man and a Denison alumnus. It is normally expected that the applicant rank in the upper half of his graduating class, statement to this effect to be furnished by the high school principal. Applicants not ranking in the upper half of their class will be expected to furnish strong recommendations of ability from persons in the home community (including the high school principal), and otherwise to satisfy the Committee on Admissions. The certificate and admission blanks for these credits and recom-

mendations should be filed in the Office of the Registrar as early in the year as possible, and not later than two weeks before the opening of the respective semester.

Applicants for admission with advanced standing as a transfer from another college must present an admission blank properly filled in, and an official transcript from the college previously attended, together with a letter of honorable dismissal. The transcript must contain a detailed statement of the college credit already earned and a list of the preparatory school units presented for admission.

Women students must deposit a fee of ten dollars (\$10.00) when making application. This fee is for room reservation in the women's residence halls and is credited on the room rent if the room is subsequently occupied by the applicant. It is not returnable after August first if the applicant has been accepted for admission.

ADMISSION REQUIREMENTS

Fifteen units completed in an approved secondary school and distributed as indicated below are required for admission. No student is admitted to freshman rank who has not completed at least fourteen units. A unit is defined as a year's course of study in a given subject, with 4 or 5 forty-minute periods of recitation per week. Two periods of laboratory work are counted as the equivalent of one period of recitation. Students may be admitted with twelve units from a "senior high school" (grades X, XI and XII) provided that the subjects taken in the senior high school together with the work done in the junior high school satisfy the subject requirements as listed below.

1. The following 9 units are prescribed for all:

English, 3	History, 1
Algebra, 1	Laboratory Science, 1 (Biology,
Plane Geometry, 1	Botany, Chemistry, Physio-
Foreign Language, 2 (in	graphy, Physics, Zoology)
the same language,	
preferably Latin)	

2. At least three additional units must be selected from the following subjects, the number indicating the maximum number of units that will be accepted in any subject:

English, 5 (may include Dramatics, 1; or Public Speaking, 1)	Greek, 4
Latin, 4	French, 4
History and Civics, 4	German, 4
Mathematics, 4 (Algebra, Geometry, and $\frac{1}{2}$ unit Trigonometry)	Spanish, 4
Botany, 1	Zoology, 1
Chemistry, 1	General Science, 1 (does not satisfy laboratory science requirement in No. 1 above)
Physics, 1	Bible, 1
Physiography, 1	Theoretical Music, 1
Physiology, 1	Economics, $\frac{1}{2}$
	Psychology, $\frac{1}{2}$
	Sociology, $\frac{1}{2}$

3. Not more than three units may be presented from the following subjects, the number indicating the maximum number of units that will be accepted in any subject:

Mechanical Drawing, 1	Commercial Law, 1
Freehand Drawing, 1	Commercial Geography, 1
Domestic Science, 1	Physical Education, 1
Stenography, 1 (no credit for less than 1 unit)	Bookkeeping, 1
Applied Music, 1	Agriculture, 1
Manual Training or Shop, 1	Art, 1
Journalism, 1	Commercial Arithmetic, $\frac{1}{2}$
	Business English, $\frac{1}{2}$

PROGRESSIVE EDUCATION ASSOCIATION

Denison University co-operates with the Commission on the Relation of School and College of the Progressive Education Association. Applicants presenting entrance credentials in accordance with this special plan are admitted without regard to pattern of subjects, provided that they otherwise satisfy the Committee on Admissions.

PROVISIONAL ADMISSION

Graduates of approved preparatory schools who lack not more than 2 of the units prescribed for admission (No. 1, page 22) may be admitted provisionally. A student thus admitted is required to make up the deficiency within the first two years of residence, by taking college courses in the subjects lacking, or by taking those subjects in an approved summer school. One year of college work (6-8) semester hours) in a subject is required to meet one unit of deficiency.

ADVANCED STANDING

Students who have completed a part of their course at other colleges may apply for admission with advanced standing. They must present an official transcript of their college record from the college or colleges previously attended, together with a letter of honorable dismissal. The transcript must contain a detailed statement of the college credit already earned, and a list of the preparatory school units presented for admission. Favorable consideration will be given only to applications from students who have maintained an average of at least "C" in all work done in the institution previously attended. When a transfer student is accepted for admission he will be given credit without examination in liberal arts subjects taken at a college accredited by the North Central Association (or an accrediting body of similar rank). No quality points are allowed on transfer of credits which are of "D" (lowest passing) grade, or equivalent. Classification is based on the number and quality of credits accepted, subject to revision after the first semester in residence. Any of the requirements specified for graduation at Denison and not satisfactorily completed at the college previously attended must be taken during the first semester or year of residence. Students admitted with advanced standing are expected to meet entrance requirements as mentioned above and may become candidates for degrees only after the completion of all specified requirements for graduation, and at least one year in residence.

SUBJECTS OPEN TO FRESHMEN

The following courses are required of all candidates for degrees: English 111-112 or six other hours approved by the Department of English, and Physical Education 111-112.

The freshman schedule, in addition to the subjects mentioned in the preceding paragraph, will be determined by the student in consultation with his adviser from the following subjects:

Art, 101, 103-104, 111-112	Latin 101-102, 104, 111-112
Astronomy 111-112, 113-114	Mathematics 109, 110, 115-116, 121-122
Botany 111-112, 113-114, 209, 210	Music 101, 102, 103-104, 111-112, 113-114
Chemistry 109-110 (women only) 111-112, 113	Applied Music 111-112
Engineering Science 111, 115, 122	Physics 111-112, 113-114
French 111-112, 211-212, 221	Psychology 101
General Language 115	Religion 111, 112, 115, 116
Geology 111, 112, 115, 116, 121, 122	Spanish 101, 102, 111-112, 211-212
German 111-112, 211-212	Zoology 111-112
Greek 101, 104, 111-112	
History 111-112	

ADDITIONAL REGULATIONS

Normal Registration. The average number of credit hours is 16, estimated as 1 credit for 1 hour recitation period or 2 hours laboratory period per week during the semester, to complete the requirement of 124 credit hours for graduation. This is the amount recommended for students in all classes, to secure best results.

Excess Registration. More than 16 hours is considered to be EXCESS and cannot be allowed except by consent of the Registration Committee. The Committee will act in accordance with definite regulations approved by the Faculty. To register for 17 hours a student must be in good scholastic standing. To register for 18 hours a student must have earned 25 points in the preceding semester with no mark below passing, and pay an additional tuition fee of \$10.00. A special petition to the Registration Committee is required for a schedule in excess of 18 hours, and if

granted, a fee of \$10.00 shall be charged for each registered hour in excess of 17. It is expected that a student requesting such a privilege will have earned 29 points or more in the preceding semester. Without special permission from the Dean (except student on a limited schedule because of scholastic probation), 13 hours shall be the minimum amount of registration.

Changes in Registration. Ordinarily no changes are allowed in registration after the registration card has been filed with the Registrar. For every change that is allowed, a fee of \$1.00 will be charged, unless remitted by the Registrar for satisfactory reason.

Late Registration. All students must complete their registration and settle with the Bursar on the days set apart for this purpose. Failure to do so will be counted as late registration entailing a special fee of \$5.00.

Dropping Work. Work for which the student has once registered cannot be dropped except by formal permission secured through the office of the Registrar. A course abandoned without such permission, likewise (under certain conditions) a course in which the student is failing, will be counted as a failure and so recorded on the permanent record.

Withdrawal. Students who find it necessary to leave the University before the close of a semester, should report to the Dean and receive withdrawal cards. This card is then presented to the Registrar, who completes the withdrawal.

Chapel. All students are required to attend regular exercises in Swasey Chapel, and also college assemblies. Excessive absences from these exercises entail a loss of scholastic credit. Details are printed in the Rules and Regulations pamphlet.

Extra Curricular Activities. To be eligible to represent the University a student shall present at least fifteen units of high school work, twelve of which are academic units, when he enters college. Further, he shall be a regularly registered student and he shall have passed 12 semester hours of credit and earned at least 10 quality points in the preceding semester.

No other students are permitted to take part in the following activities: intercollegiate athletics, glee club concerts, performances of the Masquers, intercollegiate debate, band concerts; or to be on the staff of the Denisonian or Adytum, or to hold office in the Student Government, Y. M. C. A. or Y. W. C. A.

Student Schedules: As a part of registration procedure on Thursday of Freshman Week each new student will make out a schedule of studies or courses. Blank forms similar to those printed below are used. In these sample schedules there are four courses, all of which satisfy Freshman requirements. The subjects below are chosen solely to illustrate the distribution of class hours. Every student schedule must be approved by a faculty adviser or "friendly counsellor" before it is accepted by the Registrar.

SAMPLE SCHEDULES

First Semester

<i>Department</i>	<i>Course No.</i>	<i>Hrs. Cr.</i>	<i>Period</i>	<i>M.</i>	<i>T.</i>	<i>W.</i>	<i>T.</i>	<i>F.</i>
			I		L		L	
Chemistry	111	4	II	x	L	x	L	
Mathematics	115	4	III		x	x	x	x
English	111	3	IV	x	x		x	
Spanish	111	4	VI		x	x	x	x
Physical Education	111	1	Arr.					
Total		16						

First Semester

<i>Department</i>	<i>Course No.</i>	<i>Hrs. Cr.</i>	<i>Period</i>	<i>M.</i>	<i>T.</i>	<i>W.</i>	<i>T.</i>	<i>F.</i>
English	111	3	I	x		x		x
French	111	4	II	x	x	x	x	
Latin	111	3	III	x	x		x	
			IV					
Zoology	111	3	VI	L	x		x	
			VII	L				
Music	103	1	Arr.					
Physical Education	111	1	Arr.					
Total		15						

x—Recitation

L—Laboratory

Arr.—Hours to be arranged.

CLASSIFICATION OF STUDENTS

For Freshman Standing

No student will be classified as a freshman who is deficient in more than 1 unit of preparatory work.

For Sophomore Standing

All entrance deficiencies must be removed.

At least 26 hours of college work and 26 points (including the required freshman courses in English and Physical Education.)

For Junior Standing

At least 58 hours and 58 points (including Physical Education 211-212 and all preceding requirements.)

For Senior Standing

At least 92 hours and 92 points, and all preceding requirements.

The Baccalaureate Degree

REQUIREMENTS

It is expected of candidates for degrees at Denison University that they shall be persons of good character. To secure the A.B. degree the student must satisfy the following conditions: (1) he must meet the *specified requirements*; (2) he must complete a *major*; (3) he must carry a sufficient number of elective courses to bring his total credit to 124 semester hours; (4) he must meet the *group requirements*; (5) he must pass a comprehensive examination in his major subject; and (6) his work must conform to certain scholastic requirements. (For degree of Bachelor of Music see page 107).

A semester hour of credit is defined as one hour per week of lecture or recitation, or two hours per week of laboratory work, through one semester of 18 weeks.

- (1. Optional for students receiving degrees in 1940; for former plan consult catalog issued in January 1937).

- (2. Required for students entering as freshmen in 1937 and thereafter and receiving degrees in 1941 or thereafter).

On entering, every student is assigned to an adviser (see page 18) who will recommend a schedule of courses designed to strengthen the use of his mother tongue, to develop him as an intelligent citizen, and to introduce him to the major fields of human knowledge. This means (1) that most freshmen will continue their study of English, for the University expects all students to develop the ability to express themselves correctly in written and spoken English. In addition, their courses normally will include foreign language, mathematics, and science, or a social study. To promote physical well-being all students will be expected to participate in physical education for at least two hours a week during their first two years.

As students progress in their courses of study some will wish to specialize in certain fields, looking toward professional careers; in such cases the head of the department concerned shall become the adviser. Other students, not desiring such complete specialization, may wish to concentrate in a group of related fields such as languages, sciences, or social studies; in such cases appropriate faculty representatives of those groups will assist students in planning their courses of study.

- (2). Students who wish to specialize in a particular field will be expected to do from 24 to 36 semester hours of acceptable work in the department concerned. For those who wish to concentrate in a general field, rather than in one department, a minimum of 36 semester hours shall be taken from two or three closely related departments, with not less than 15 semester hours, ordinarily in sequence, in one of these departments.

- (3). The remainder of a student's college course shall be devoted to courses of study offered in other groups, so as to bring the total number of semester hours up to a minimum of 124. For student and adviser the constant aim in choosing such courses shall be to develop a well rounded and balanced personality. If one is unacquainted with a particular subject or field that constitutes a

strong reason for undertaking rather than avoiding its study. To secure proper distribution for the student these fields are grouped as follows:

—A—

Language and Literature
Minimum, 12 hours

English (except 111-112)
 Classics
 Greek
 Latin
 Mod. Foreign Languages
 French
 German
 Italian
 Spanish

—B—

Social Studies
12 hours

Economics
 Education
 Government
 History
 Philosophy
 Psychology
 Religion
 Sociology

—C—

**Natural Science
 and Mathematics**
14 hours

Astronomy
 Botany
 Chemistry
 Geology
 Mathematics
 Physics
 Zoology

—D—

The Arts
3 hours

Art
 Music
 Dramatics

(4). For all students the minimum requirement: (A) in language and literature is 12 hours, with the understanding that, with the approval of his adviser, three of these hours may be taken in the Department of Speech. All students who contemplate graduate study are reminded that they are expected to develop a reading knowledge of at least one modern foreign language. For advanced degrees graduate schools usually require two. The faculty and alumni, in general, believe that any student graduating from Den-

ison should have had college work in a foreign language. The minimum requirement: (B) in social studies is 12 hours in basic courses, not all of which may be taken in one department; (C) in natural science and mathematics is 14 hours, not all in one department and including a one-year course in a science accompanied by laboratory periods. Most departments in the natural sciences will require students to include Mathematics in their schedules. The minimum requirements in (D), the Arts, is 3 hours.

(5). Merely passing a certain number of courses, no matter how carefully they may have been integrated, is not sufficient evidence that the purposes of four years of study have been realized. A final comprehensive examination is necessary to judge the ability of a student to correlate his knowledge for effective use. Consequently, toward the end of his senior year, the student shall take an examination covering all his work in his field of concentration. This may be followed, at the discretion of the department or departments concerned, by an oral conference, and must be passed if the student is to graduate.

(6). *Scholastic Requirements.*

All credits to be counted for the major must be "C" grade or above. By the close of the semester previous to graduation, the candidate for a degree must have earned at least 106 semester hours credit at graduating rate, and must have paid all University bills including diploma fee.

A student's class work is graded as follows, with the accompanying point value for each grade:

"A" (Excellent).....	Earns 2 points per credit hour.
"B" (Good).....	Earns 1½ points per credit hour.
"C" (Fair).....	Earns 1 point per credit hour.
"D" (Passing).....	Earns ½ point per credit hour.
"F" is a failure, and in order to receive credit the course must be repeated in class.	

For graduation, students must present 124 semester hours of credit (including 4 in Physical Education) with a cumulative grade average of at least C. This is interpreted to mean that the entire cumulative record, considering all hours attempted whether passed, repeated, incomplete, deducted or failed must show an average of at least one quality point per hour of credit attempted.

A student whose cumulative grade average (as defined above), at the end of any semester is below C is placed on probation. He may continue during the next semester on probation with a limited schedule (to be determined by the Registration Committee but in no case to be more than 14 or less than 10 hours). During this semester he must make at least C average or, at its close, discontinue his registration. He will remain on probation and on limited schedule until his cumulative grade average is again at least C.

After the lapse of at least one semester, a student dropped for low scholastic standing may present a petition for readmission to be considered by the Committee on Admissions.

An "Incomplete"—When a student's registration in college is affected by an "I" grade upon his record, he must remove this incomplete at least one week before registration to receive credit in the course.

JUNIOR YEAR IN FRANCE

Students may spend their junior year in Paris, living at the Cité Universitaire. There will be a regular course of study at the University of Paris. Credit hours toward graduation from Denison will be determined on individual records.

SPECIAL COMBINATION COURSE

FOR PROFESSIONAL STUDENTS

Any student who successfully completes all the specific requirements for graduation at Denison and all the specific requirements for admission to a school of engineering, law or medicine approved by the faculty, with a total credit of 94 semester hours at the graduating rate of one point per hour, or better, shall receive the degree from Denison upon successful completion of the first year's work in such school.

EXTENSION COURSES

A limited number of extension classes are conducted in Newark and other neighboring localities from time to time. Each class meets for a two-hour period on one evening in the week during a semester and carries a two-hour credit.

Being away from the campus and not enjoying the facilities accessible to regular college students, members of these classes are charged less than the regular tuition fee. Each class must consist of at least ten students.

For further information write to Dean C. F. Richards, Granville, Ohio.

FRESHMAN WEEK

Several days, during the opening week of the college year, are devoted to familiarizing the freshmen with the aims and methods of college work. The program begins with a dinner in the Wigwam, at which the freshmen are the guests of the University and have a favorable opportunity of meeting one another and members of the faculty. Tests of special aptitudes are given. Every effort is made to help the freshman to find his place in the community of students and to plan his course intelligently for the coming four years. All freshmen are expected to be present during these preliminary exercises. For the dates, see University Calendar, page 5.

Expenses

Cost per semester of eighteen weeks

For Young Women

Tuition	\$150.00
Incidental Fee.....	25.00
Board	108.00
Room	75.00 to \$112.50
Books and Supplies	10.00 to 20.00
	<hr/>
	\$368.00 to \$415.50

For Young Men

Tuition	\$150.00
Incidental Fee.....	25.00
Board (Fraternities, boarding houses or restaurants).....	90.00 to \$108.00
Rooms (Talbot Hall, fraternities, or homes in the village).....	35.00 to 55.00
Books and supplies.....	10.00 to 20.00
	<hr/>
	\$310.00 to \$358.00

The Incidental Fee covers Athletics, publications, concerts, lectures and dramatic performances, support of student government and certain other student organizations, health service (including hospital care up to three days), library, and all course and laboratory fees except breakage deposits.

Partial Registration—Any student who by special permission of the registration committee takes less than 9 academic hours, and who will not be a candidate for a degree within one year after such partial registration, shall be considered a part time student. The charge for such a student will be \$10 per credit hour plus an incidental fee of \$10 to cover hospital, library and laboratory fees except breakage deposits.

Excess Registration—Students permitted to register for more than ~~seven~~ hours will be charged \$10 for each excess hour.

Late Registration—Any student who fails to complete his registration on the day or days officially set aside for that purpose at the beginning of each semester will be charged a late registration fee of \$5.00. Registration is not complete until the student has secured the approval of the Registrar and the Bursar on his schedule card.

Late Change of Registration—A fee of \$1.00 will be charged for making any change in courses after registration day, unless the change is made at the request of the professor, Dean or Registrar.

Special Examination—A fee is charged for a special examination: \$2.00 in a case of a final; \$1.00 for a mid-semester one hour examination.

NOTE: No changes in these rates are contemplated, but in view of the economic uncertainties of the times the right is reserved to change the charges for tuition and fees, or board and room at the beginning of any new school year by publication of the new rates in the University Bulletin the preceding Spring.

Expenses for clothing, travel, social and recreational activities and personal incidentals depend for the most part on the home surroundings and habits of the student before he enters college. In general, fraternity or sorority membership is likely to add about one hundred dollars to a student's necessary expenditures the first year. The college does not encourage a large allowance of spending money.

All students paying the regular college tuition will be permitted to take private lessons in the Conservatory in voice or instrumental music at the special rate of \$15.00 per credit hour.

For Conservatory fees for special students see page 110.

PAYMENT OF BILLS

Each semester bill is rendered in advance and may be paid in full at that time if desired, or may be divided into two payments. One half must be paid on or before Registration day and the balance within sixty days. Students will not be permitted to attend

classes if these payments are not made when due. No student will receive honorable dismissal or obtain a transcript of credits, or be permitted to graduate until all college bills are paid.

Students who are required to leave college within any semester on account of illness will receive a refund of the proportionate share of the semester charges for tuition (and board and room if in college dormitories and dining halls), but not the incidental fee. Students who withdraw within any semester for business or other reasons will receive a refund of the proportionate share of the semester charges for tuition and board but not the incidental fee nor the room rent.

Women's Dormitories. Dormitories are provided for young women at \$75.00 per semester per person in Burton Hall, King Hall, Stone Hall, and Monomoy Place on the lower campus and in Parsons Hall on the corner of Elm and Mulberry Street. These rooms are all designed for two girls with the exception of a few three-girl rooms in Monomoy Place. On the upper campus, where Beaver Hall, Sawyer Hall, and the new Shaw Hall are located, the room rent ranges from \$85.00 to \$112.50, depending upon size and location. There are suites for two, three, and four girls, each suite consisting of living room, bed room, and bath shared by the occupants of an adjoining suite. There are also a number of single rooms and few double rooms in Shaw Hall. The rooms are provided with single beds, study desks, desk chairs, easy chairs, dressers and mirrors and small rugs. Mattresses and pillows are furnished but all other bedding and toilet accessories are to be furnished by the students.

Room reservations may be secured by paying a deposit of \$10.00. This deposit is refunded if the applicant is not accepted for entrance or if, even though accepted, the Bursar is notified in writing before August first that the applicant wishes to cancel the reservation. When the student enrolls this fee becomes a breakage deposit, which will be returned at the end of the year, minus the cost of any damage to the room or furniture beyond ordinary wear and tear. No room is rented for a shorter time than one semester.

The right to occupy a college room is given only to the student to whom the room is assigned and her room-mate. There shall be no exchanges of rooms or substitution of one occupant for another without the permission of the Dean of Women. In case permission is given for a change of room a transfer charge of \$2.00 may be made. For important information concerning admission, see page 21 and following.

Two Cooperative Houses are in operation, housing a total of about thirty girls. Under the supervision of the house supervisor the girls buy and cook their own meals and do all their own house-keeping. In this way the cost of board and room to each girl has been reduced to about \$190.00 per year. Selection of girls for these houses is made by the Committee on Scholarships and Student Aid.

Men's Dormitory. Rooms for thirty men are available in Talbot Hall. Room reservation may be secured by paying a deposit of \$10.00. This deposit is refunded if the applicant is not accepted for entrance or if, even though accepted, the Bursar is notified in writing before September first that the applicant wishes to cancel the reservation. When the student enrolls this fee becomes a breakage deposit, which will be returned at the end of the year, minus the cost of any damage to the room or furniture beyond ordinary wear and tear. No room is rented for a shorter time than one semester. The right to occupy a college room is given only to the student to whom the room is assigned and to his assigned roommate. There shall be no exchanges of rooms or substitutions of one occupant for another without permission from the Dean of Men. In case permission is given for any change of room within the dormitory, a transfer charge of \$2.00 may be made. No student shall at any time take up his residence in a college room without permission from the Dean of Men. The rent is \$32.50 or \$35.00 per semester for each person, depending upon the location of the room.

Rooms are in suites comprising study room and bed room (except three single rooms) and are supplied with dressers, study

desks, chairs, single beds and mattresses. Bedclothing and towels are provided by the student. The rooms are lighted by electricity and heated by hot water, and are in close proximity to lavatories on the same floor, where shower baths are provided.

SCHOLARSHIPS AND LOANS

The annual income from certain funds which have been given to the College for this purpose over a long period of years is available for scholarships or loans. Because of the limited amount available only a small number of scholarships can be granted to incoming Freshmen. High scholastic standing is required of any student who receives a scholarship of any kind. Loans are available only to juniors and seniors.

It is expected that those whose necessary expenses can be met by parents or through other sources will not call upon the College for assistance. Complete conditions in regard to these various scholarship and loan funds are on file in the office of the Bursar and the Secretary of the Board of Trustees.

Scholarship Funds

AVAILABLE FOR MINISTERIAL STUDENTS

	<i>Principal of Fund</i>	<i>Estimated Available Yearly</i>
The Mary K. Monroe Fund.....	\$30,000.00	\$1,050.00
The M. E. Gray Fund.....	5,000.00	175.00
The David Thatcher Fund.....	1,500.00	55.00
The Joshua and Gwennie Jones Fund.....	1,356.00	50.00
The Abigail Pence Houck Fund.....	31,717.00	1,110.00
The William Howard Doane Scholarship Fund (for four students).....		400.00
The Welsh Hills Prices Scholarship Fund.....	2,000.00	70.00

AVAILABLE FOR MEN STUDENTS

The Ebenezer Thresher Fund (for one student from each class).....	\$10,000.00	350.00
The David and Jane Harpster Fund.....	5,000.00	175.00
The Mary Arnold Stevens Fund.....	500.00	20.00

SCHOLARSHIP FUNDS—SPECIAL SCHOLARSHIPS

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The Eugenia Kincaid Leonard Scholarship.....	1,000.00	35.00
The A. F. and A. A. Bostwick Scholarship Fund.....	1,000.00	35.00
The Harry Thurston Crane Scholarship Fund.....	5,000.00	175.00

AVAILABLE FOR WOMEN STUDENTS

The King Scholarship Endowment (for five students).....	\$12,000.00	420.00
The Martha A. Luse Scholarship Fund.....	1,000.00	35.00
The James McClurg Scholarship Fund.....	1,000.00	35.00
The Mary Miller Scholarship Fund.....	8,282.00	290.00
The Charles T. Chapin Scholarship Fund (for two students).....	2,000.00	70.00
The Lide-Shepardson-Marsh Scholarship Fund.....	1,000.00	35.00
The Daniel Shepardson Memorial Scholarship.....	2,500.00	87.50
The Flora Price Jones Scholarship Fund.....	1,000.00	35.00
The Agnes Wilson Weaver Scholarship Fund.....		*30.00
The Harry Thurston Crane Scholarship Fund.....	5,000.00	175.00

*Income on one fifth of Trust Fund held by U. S. National Bank of Omaha.

AVAILABLE FOR MEN OR WOMEN STUDENTS

The Elizabeth S. Ewart Scholarship Fund.....	\$ 2,000.00	70.00
The Charles T. Lewis Scholarship Fund (for two students).....	5,000.00	175.00
The John Doyle Scholarship Fund (for one student).....	2,500.00	87.50
The Wells A. and Cynthia Aldrich Chamberlain Scholarship.....	5,000.00	175.00
The G. A. Griswold Scholarship Fund.....	5,000.00	175.00
The Daniel Van Voorhis Scholarship Fund.....	500.00	20.00
The Saunders Scholarship Fund.....	2,000.00	70.00
The Amanda Sperry Scholarship Fund.....	1,000.00	35.00
The Mary Hartwell Catherwood Scholarship.....	1,000.00	35.00
The Francis Wayland Shepardson Scholarship.....	5,000.00	175.00
The Cora Whitcomb Shepardson Scholarship.....	5,000.00	175.00
The Herbert F. Stilwell Scholarship Fund.....	2,500.00	87.50
The Samuel B. Brierly Scholarship Fund.....	20,250.00	600.00
The Class of 1913 Scholarship Fund.....	1,000.00	35.00

AVAILABLE FOR STUDENTS IN CONSERVATORY OF MUSIC

The Eliza Smart Shepardson Scholarship Fund.....	\$ 2,500.00	87.50
The Gertrude Carhartt Brelsford Memorial Fund.....	1,000.00	35.00

Of the above scholarship funds the following were established during the past year:

The Herbert F. Stilwell Scholarship Fund.....\$2,500.00

Contributed by Clifford S. Stilwell as a memorial to his father. The income only from this fund is to be used for scholarship purposes to deserving students in need of financial assistance.

The Samuel B. Brierly Scholarship Fund.....\$20,250.00

Contributed by a friend in honor of Samuel B. Brierly of the Class of 1875, who was active in founding the Denison Alumni Association and for many years its president. This is a specially invested fund, the income of which is available annually for scholarship purposes to needy and qualified students of Christian parentage and high moral character.

The Class of 1913 Scholarship Fund.....\$1,000.00

Contributed by the members of the Class of 1913, income to be used for scholarship purposes, preference to be given to children of members of the class.

The Francis Wayland Shepardson Scholarship Fund.....\$5,000.00

Increased during the year by the gift of \$2,500.00 from the estate of Dr. F. W. Shepardson, the annual income of which is to be used for the benefit of a student who has shown proficiency in courses in American History.

The Cora Whitcomb Shepardson Scholarship Fund.....\$5,000.00

Increased during the year by the gift of \$2,500.00 from the estate of Dr. F. W. Shepardson, in memory of his wife, the annual income of which is to be used as a scholarship for a student showing proficiency in courses in Art.

Special Scholarships

For Baptist Ministers

Sons and daughters of Baptist ministers and missionaries may, upon application and approval by the Student Aid Committee, receive a grant of \$50.00 a semester. This aid is given in recognition

of Denison's heritage from the Baptist denomination throughout the entire history of the college. The grant will be continued during the student's college course if a satisfactory record is maintained.

The LaVerne Noyes Scholarship Fund

Certain scholarship funds are available from the income of the LaVerne Noyes Estate for men who served in the World War and their children. The number and amount of grants is limited annually by the earned income of the fund.

The Class of 1917 War Memorial Scholarship Fund

This fund has been established by members of the class. The income is awarded annually for scholarship purposes, preference being given to children of members of the Class of 1917.

LOAN FUNDS

	<i>Principal of Fund</i>	<i>Estimated Available Yearly</i>
The Maria Theresa Barney Loan Fund.....	\$ 5,000.00	1,000.00
The Fletcher O. Marsh Fund.....	5,000.00	600.00
The Hannah Snow Lewis Fund.....	9,028.00	1,000.00
The Edward LeGrande Husted Fund.....	1,000.00	75.00
The Ida S. Fisher Loan Fund.....	1,000.00	300.00
The C. L. Williams Alumni Loan Fund.....	2,250.00	500.00
The Class of 1927 Loan Fund.....	250.00	100.00
The Phi Beta Kappa Loan Fund.....	1,000.00	350.00
Asher King Mather Loan Fund.....	300.00	100.00
Edward Gear Ewart Loan Fund.....	150.00	50.00

Scholastic Awards

1. PHI BETA KAPPA

The Phi Beta Kappa Society was founded more than one hundred and fifty years ago for the purpose of recognizing and encouraging scholarly pursuits among college students. The chapter at Denison, known as Theta of Ohio, was instituted in January 1911.

New members are elected each year from those who have the highest standing in scholarship in the junior and senior classes.

The Phi Society was organized in 1926 by the Phi Beta Kappa to encourage scholarship among the members of the freshman class. Membership is gained by winning 56 scholastic points in the freshman year.

2. HONORS

1. Annual Honors. Annual honors are awarded at the end of each year to the members of each class according to the following standard: not less than twenty-four hours of A grade, the remainder not lower than B grade. The total number of hours for the year shall not be less than thirty-two except when courses 111, 112, 211, 212 in Physical Education are being taken, in which case the total number of hours exclusive of these courses should not be less than thirty. Grades made in the required courses in physical education are not to be counted in competing for Annual Honors.

2. General Honors. General Honors are awarded at graduation only, according to the following standard: Ninety-three or more hours of A grade, the remainder not lower than B grade. Grades made in Physical Education 111, 112, 211, 212, are not to be counted in competing for General Honors.

3. Departmental Honors. Departmental Honors are awarded at graduation only, to those who have obtained a standing of A in one or more departments in courses amounting to not less than twenty-four semester hours, provided that there shall have been no grade less than B in any other courses which may have been taken in the department. In Modern Languages no first-year courses may be counted for departmental honors.

4. Special Honors. Special Honors are awarded at graduation only, according to the following plan: Any regularly classified student who has maintained an A rank in not less than half of his work during five successive semesters of the freshman, sophomore, and first half of junior years, and who has not fallen below C in any single study may with the consent of the faculty be enrolled as a student for honors in some selected department of study. For further conditions consult the office of the Registrar.

All honors duly earned shall entitle the student to have his name placed upon the records of the University with the statement of the Honors which he has received, the fact may be engrossed upon his diploma, shall be announced on Commencement Day, and published in the annual catalog.

3. GRADUATE SCHOLARSHIP

The Denison University Tuition Scholarship is one of the Ohio College Tuition Scholarships established by the Trustees of The Ohio State University. Open to graduates of Denison for one year. Nominations of qualified students are made from year to year by the President and the two Deans.

4. RHODES SCHOLARSHIP

Men who have completed their sophomore year at Denison University are eligible to compete for the Cecil Rhodes Scholarship, tenable for three years at Oxford University, England, with a stipend of \$2000 each year. These scholarships are awarded on the combined basis of character, scholarship, athletics, and leadership in extra-curricular activities. Further information may be obtained from the Secretary of the Rhodes Scholarship Committee of Selection for Ohio, Professor Leigh Alexander, Oberlin College, Oberlin, Ohio.

5. PRIZES

1. The Lewis Literary Prize Contest. These prizes were given to the Franklin and Calliopean literary societies by Mr. Charles T. Lewis, former president of the Board of Trustees, and are now continued by his sons Howard Lewis and Frank Lewis of the classes of 1900 and 1902, respectively. During recent years the prizes have been given for excellence in extempore speech. Competition is open to men students.

2. The Samson Talbot Bible Reading Contest. This is an endowed prize for the best reading of Scripture and is open to seniors and juniors. The prizes are \$20 and \$15 respectively.

3. The Gilpatrick Scholarship. This is endowed by a fund contributed through the Society of the Alumni by former students and friends of Professor John Lord Gilpatrick. It is open to seniors and is awarded annually by the faculty upon the basis of excellence in mathematics.

4. The Woodland Prizes in Chemistry. J. Ernest Woodland, '91, bequeathed to the University, in honor of his father,

William Henry Woodland, the sum of \$5,000.00 for the establishment of two annual prizes: \$150.00 for the best, and \$50.00 for the second best original thesis on some phase of Chemistry in its relation to everyday industrial life. These prizes are to be awarded annually as follows:

(a) One hundred and fifty dollars to the student, in full and regular standing in any course in Denison University leading to the degree of Bachelor of Arts or Science, who shall prepare under the direction of the head of the Chemistry Department of Denison University, and present at the end of his or her junior year, the best original thesis on some phase of chemistry in its relation to industrial or everyday life.

(b) Fifty dollars to the student, in full and regular standing in any course in Denison University leading to the degree of Bachelor of Arts or Science, who shall prepare, under the direction of the head of the Chemistry Department of Denison University, and present at the end of his or her junior year, the second best original thesis on some phase of chemistry in its relation to industrial or everyday life.

The purpose of these prizes is to stimulate a wholesome interest in the practical applications of the science of chemistry.

For 1938-1939 the subject of the thesis is "Chemistry and Modern Quick-drying Paints, Varnishes and Lacquers."

Students contesting for these prizes must register formally with the Department on or before November 15 of each college year, and theses must be submitted in final form on or before May 15 of each college year.

5. The Freshman Chemistry Prize. A prize of \$25.00 is offered to the student making the best record in Chemistry 111-112.

6. Ray Sanford Stout English Prize. A prize of \$25.00 is awarded annually by Mr. Henry S. Stout of Dayton in memory of his brother. The Prize is given for the best prose composition in either essay, short story or drama. Manuscripts may be submitted by any student prior to May first.

7. Jeannie Osgood Chambers Memorial Prizes. Established by Dr. T. F. Chambers of Granville in memory of his wife. Two annual prizes in English, the first of \$50.00 and the second of \$25.00, for members of the senior class. The awards are to be made by the English Department and to be determined by an examination and the presentation of a thesis on some English writer, alternating between a poet and a writer of prose.

8. German Prize. Dr. Ernst Beutler, Director of the Goethe Museum in Frankfurt am Main, offers through the Carl Schurz Memorial Foundation a set of Schiller's Works for excellence in German.

9. The Samuel Robert Skinner French Prize. Associate Professor Laurence Hervey Skinner of Miami University, Oxford, Ohio, offers a \$25.00 prize for excellence in French in honor of his father, a Denison graduate, class of 1895. To be eligible a student must be a senior who has chosen French as his or her major interest. The recipient will be determined by means of an oral examination conducted by the Modern Language department, and designed to select that student who excels in (1) an appreciative understanding and use of French as a living language whether oral or printed, and (2) a sympathetic attitude toward and knowledge of French civilization.

10. Senior Research Prize in Economics. A prize of \$25.00 is awarded annually to the student enrolled in Economics 420 who shall prepare the best original thesis, as determined by outside judges, dealing with a significant problem in Economics approved by the head of the Department.

General Information

LOCATION

Granville, founded among the Licking Hills by colonists from Massachusetts in 1805, has been an educational center for over a century.

It is reached from east or west by Routes 16 and 37, and by Routes 661 and 37 from north or south. Columbus is twenty-seven miles west on Route 16. The Pennsylvania and the Baltimore & Ohio railroads pass through Newark, county seat of Licking County,—seven miles east of Granville. Connections by bus service can be made with Newark, Delaware, and Columbus. Greyhound busses east and west connect with more distant points.

CAMPUS

The University owns and utilizes 225 acres of land located north of the village of Granville. The principal buildings (twenty-six in number) are situated on a horseshoe-shaped hill. At one end are dormitories for girls, at the other, fraternity houses. Between are the chapel, the library, and other academic buildings. The hill encloses below it athletic fields for all students.

The athletic field, named Deeds Field in honor of the donor, Colonel Edward A. Deeds, vice-chairman of the Board of Trustees, was dedicated November 4, 1922. The football field occupies a natural amphitheater under the shelter of College Hill. It is in the form of an oval, open towards the east, flanked by a concrete stadium with seating capacity of 6000. The north side of the stadium is constructed so as to enclose a field house, containing dressing-rooms, shower baths, lockers and other accommodations for the players. Recently installed flood-lights make possible night football. The eastern side has been recently laid out with an oval running track and a hockey field for the women's athletic department. By the development of Deeds Field it is now possible for every member of the University to enjoy some form of daily exercise.

ACADEMIC BUILDINGS

Swasey Chapel—The gift of Dr. Ambrose Swasey. The auditorium has a seating capacity of 1300. Behind the screen in the apse is built a 3-manual Austin organ. The tower contains a chime of ten bells in memory of Mrs. Lavinia Marston Swasey.

New Doane Library—A gift in memory of William Howard Doane by Mrs. George W. Doane and Miss Ida F. Doane. Contains 120,000 volumes in stacks and reading rooms. Seating capacity for 200 students. Excellent collections in the fields of American, English, and classical literatures, music and the fine arts. Three hundred and sixteen current magazines and newspapers received. Approximately 2500 volumes are added annually.

Whisler Memorial Hospital—A gift in honor of Helen Arnett Whisler by her parents, Mr. and Mrs. Charles F. Whisler. Capacity for 16 patients, facilities for 28, provision for clinic service and for isolation of contagious cases.

Doane Administration Hall—The gift of Dr. William Howard Doane. Contains the offices of the president, deans, registrar, bursar, and business manager as well as class-rooms.

Barney Memorial Hall—A gift in memory of Eliam E. Barney by his son, Eugene J. Barney. Familiarly known as Science Hall—used for instructional purposes.

Cleveland Hall—A gift from friends resident in Cleveland, Ohio,—used for men's physical education and other instructional purposes.

Doane Gymnasium—The gift of Dr. William Howard Doane,—used for women's physical education.

Swasey Observatory—The gift of Dr. Ambrose Swasey—contains nine-inch equatorial and four-inch zenith telescopes.

Marsh Hall—Named in honor of a former professor, Fletcher O. Marsh, familiarly known as the Old Brick. A part of the building is used for student publications and the Carnegie musical collection.

Talbot Hall—Named in honor of the fifth president. Contains laboratories and classrooms on lower floors.

Chemistry Cottage—Contains laboratories and classrooms.

Thresher Hall—Known as Conservatory of Music. Named for a former professor. On the site of the first Baptist Church in Granville.

Recital Hall—Adjoins Thresher; used for public recitals. Seating capacity 350.

Wigwam—A temporary structure, used for basketball and intramural contests. Seating capacity 1630.

Broadway Office Building—The gift of Mr. and Mrs. Percy L. Wiltsee. Contains the offices of the Secretary of the Board of Trustees, the Secretary of the Alumni Society, and the Director of Publicity.

RESIDENCE HALLS FOR WOMEN

Shaw Hall, named in honor of President and Mrs. Avery A. Shaw. (70)*.

Sawyer Hall, named in honor of an early benefactor of higher education for women in Granville. (65)

Beaver Hall, named in honor of Mrs. Mary Thresher Beaver. (65)

Stone Hall, named in honor of Rev. Marsena Stone, a former professor. (69)

King Hall, named in honor of a former trustee, Mr. J. W. King. (32)

Burton Hall, named in honor of the founders of an early school for girls, Dr. and Mrs. Nathan S. Burton. (29)

Monomoy Place, formerly a private residence. (27)

Parsons Hall, formerly a private residence. (30)

Gilpatrick House, formerly the residence of Professor John L. Gilpatrick. (14)

East Cottage. (14)

DINING HALLS

For women—Shepardson Commons; Colwell House.

RESIDENCE HALLS FOR MEN

Talbot Hall. (30)

Nine Fraternity Houses.

Private Residences.

STUDENT HEALTH SERVICE

This is a distinct department of the University and is supervised by the college physician and two registered nurses. In the Whisler Memorial Hospital is located the college clinic, where students may have unlimited medical attention. The physician is available at certain hours for consultation, examination and treatment, when necessary. A trained nurse is on duty at all times.

In case of need each student is entitled, each semester, to 3 days of care in the hospital, with no additional charge. For periods in excess of this time, a charge of \$4.00 per day is made. Only unusual medical or surgical treatment is charged against the student. This includes calls at student rooms, special nurses, or unusual medicines or appliances.

OTHER SAFEGUARDS FOR HEALTH

1. Especial attention is given to the source of milk supply. Pasteurized milk which is used in the college dining halls is furnished by a prize Ayrshire herd. Other foods are chosen with especial care for their definite health value, prepared properly, and served attractively.

*Numbers in parenthesis represent the total accommodations.

2. A system of waterworks, established in 1885, furnishes an ample supply of water of exceptional purity. Subsequently, in 1929, the water company installed a softening plant which makes the water more palatable and protects from impurities. The water company, owned by the Village of Granville, is subject to regulations of the Ohio State Board of Health which attests the excellence of the supply.

PHYSICAL EDUCATION

All new students are given a thorough physical examination soon after matriculation. The information thus gained assists in determining the work in physical education prescribed for all during the first and second years in college. The Denison program in physical education provides such training as will meet hygienic and recreational needs.

For men the extensive program of intra-mural contests is an important feature. Sports diversified according to season develop interest and skill, build group spirit and Denison loyalty. In intercollegiate athletics, Denison is a member of the Ohio Conference.

The Women's Athletic Association in cooperation with the Department of Physical Education for Women conducts interclass and other intramural contests and tournaments in all games and sports. In addition to these organized activities the Athletic Association in conjunction with the Outing Board makes an attempt to meet the recreational needs of the students through its offerings in the more individualized types of activity, such things as skating, skiing, hiking in the open air and such indoor games as ping-pong, shuffle board, etc.

The Athletic Association owns and operates a cabin in the Welsh Hills which serves as a center for outing and campcraft work. Every other year a course in camp leadership is conducted by an authority on summer camping who is invited to Denison.

The Women's Athletic Association is a member of the Athletic Federation of College Women, a national organization for the purpose of furthering athletic and recreational interests of col-

lege women. Membership is also maintained in the Ohio Conference of Athletic Associations.

LIBRARY

The college library is both a repository for books and a cultural workshop. Appropriate surroundings make reading attractive. The rooms for reference, for current periodicals promote intellectual activity, the room for American and for English literatures encourages reading for enjoyment and advancement. A competent staff of nine is prepared to assist every student to become acquainted with the building, its catalog room, delivery desk routine, use of reference works and to help in obtaining the materials needed in various courses.

A Library Manual giving instruction as to Library resources, use, and location of collections, as well as important regulations which students will need to know for their efficient use of library material, will be given to each entering Freshman.

The Library is open daily from 8:30 A.M. until 9 P.M. On Saturday the Library is open from 8:30 A.M. until 5:30 P.M., on Sunday for reading, but not for circulation from 2 P.M. until 5 P.M.

All books with the exception of Reference Books and Periodicals may be taken from the Library for home use. Books from the Reserve Reading Room circulate only for overnight. Other books circulate for two weeks and may be renewed once. Fines are charged if books are kept overdue. Books which are not in the Library when requested will be reserved for any student, upon being returned to the Library.

STUDENT ORGANIZATIONS

While encouraging the fullest measure possible of student self-government, the University recognizes the fact that individuals and groups among the undergraduates require a reasonable amount of personal oversight in their various undertaking whether or not directly connected with the curriculum.

Men's Student Government and Women's Student Government. The government of students in matters relative to their own interests, rests in the hands of the two student associations.

Chapel Services. In recognition of the ideals of the institution and for the cultivation of the community life of the college in a definitely religious atmosphere, services of worship are held in Swasey Chapel on Monday and Wednesday throughout the year. During the college year a vesper service is held once a month on Sunday afternoons.

Religious. The Young Men's Christian Association and the Young Women's Christian Association are directed by their cabinets, composed of student and faculty members.

Lectures and Concerts. In co-operation with the Granville Festival Association a series of concerts and lectures are arranged to which all students are admitted without further charge upon presentation of their Student Activity Ticket.

Literary-Dramatic. The Franklin and Calliopean Literary Societies, dating back to the early days of Denison, are perpetuated by the Franco-Calliopean Society, whose meetings are devoted to the study of literature.

Tau Kappa Alpha, a national honorary fraternity, has in its membership students who show excellence in public speaking. Several debates with other colleges are held each year, under the guidance of the Board of Control of Debate and Oratory and the Department of Speech.

Three regular publications are carried on by Denison students: *The Denisonian*, a weekly newspaper; the *Adytum*, the college annual; and the *Portfolio*, a quarterly literary magazine, published for the first time in 1937-38 and intended to stimulate creative writing.

Masquers is the dramatic organization in Denison. Its membership is made up of those who show proficiency in acting and play production. Tryouts are conducted for all who wish to develop their dramatic talents.

Musical. The Denison Glee Club, the Shepardson Glee Club, the D. U. Band, the University Orchestra, the Engwerson Choral Society, and the chapel and church choirs furnish ample opportunity for the training of musical talent. (For fuller description see below, Conservatory of Music, page 109).

Departmental Organizations. The Denison Scientific Association, organized by the late Professor Clarence Luther Herrick in 1887, is not only the oldest departmental organization on the campus but also is the most inclusive in its activities and interests. The Association publishes the *Journal of the Scientific Laboratories*, founded by C. L. Herrick. Its merit is recognized by learned societies in all parts of the world, many of which receive the *Journal* in exchange for their own publications. By this means the Association has built up a valuable collection of scientific works from the leading scientific societies of our own and other countries.

The Association holds bi-weekly meetings, open to all, at which lectures and reports of investigations on current scientific topics are presented by professors of Denison and other institutions. Faculty and students are thus made acquainted with the progress of science in many fields.

Similar to the Scientific Association in organization and purpose is the Denison Language Union representing the faculty and students in the departments of English, Classical and Modern Languages and Speech. Departmental societies, sharing similar aims with the Scientific Association and co-operating with it, are maintained by some of the departments of instruction. Their object is to encourage investigation of topics that are allied to the courses of instruction and are of special interest. Faculty and students participate in the discussions.

Departments and Courses of Instruction

The departments of instruction are listed in alphabetical order. Courses of instruction are listed with the descriptive title, general outline, period of recitation, and semester hours of credit. The number of the course indicates the year in the curriculum for which the courses are primarily intended, 100-199 for freshmen, 200-299 for sophomores, etc. In general, the odd-numbered courses are given in the first semester, and the even-numbered ones in the second semester, unless otherwise stated. The Roman numeral indicates the period in the daily schedule at which the class meets, and the arabic numeral indicates the semester hours of credit given for the course.

Four-hour courses at periods I and II meet on Monday, Tuesday, Wednesday and Thursday; at all other periods, on Tuesday, Wednesday, Thursday and Friday. Three-hour courses at periods I and II meet on Monday, Wednesday and Friday; at periods III and IV, on Monday, Tuesday and Thursday; at periods VI and VII, on Tuesday, Thursday and Friday. Two-hour courses at the respective periods meet on the day omitted in the three-hour schedule, unless otherwise stated. The half-hour from 10 to 10:30 A.M. is reserved for chapel and assembly periods.

Days of Recitation According to Period and Credit Hours

<i>Period</i>	<i>4-hour courses</i>	<i>3-hour courses</i>	<i>2-hour courses</i>
I and II	M Tu W Th	M W F	Tu Th
III and IV	Tu W Th F	M Tu Th	W F
VI and VII	Tu W Th F	Tu Th F	M W

5-hour courses meet every day. 1-hour courses are arranged.

ART

MR. KING, MR. DEAN AND ASSISTANT

The two-fold aim of the Department of Art is (1) general culture by self-expression in line, color, form and the general appreciation of art, and (2) the basic technical preparation for the professional fields of the fine and useful arts based on the integration of art processes and ideals with the general courses of instruction and included in the liberal arts curriculum.

The courses are arranged in two sequences and it is advisable for the student to study the nature of the courses in each of these sequences before he registers in art. Those who do not intend to major in art but who wish to include appreciation and achievement in art as a part of their general cultural background will find courses 101, 103-104, 203-204, 303-304, 403-404 especially designed for them.

Art majors who expect to begin preparation for the professional fields of painting, design, teaching, architecture, advertising, and industrial design should begin with the elementary courses, 111-112, then consult with the department for a proper sequence of courses in advance study.

NON-MAJOR SEQUENCE

101. APPRECIATION OF ART. A course designed to give the layman an intelligent appreciation of the basic elements and fundamental principles underlying all art with emphasis on their importance as they contribute to the esthetic qualities of the architecture, sculpture, and painting of the western world. Open to all students. Repeated each semester. VI, 3.

103-104. ELEMENTS OF ART. A course especially designed for non-majors which includes the study of freehand drawing and design. Sketching in pencil and charcoal from nature, still life and casts alternated with problems of pure design and art structure including work in clay modeling, casting, block printing, and other craft media. Not open to majors. I-II, 3.

203-204, 303-304, 403-404. MINOR TECHNICAL PROBLEMS. This course is opened by permission of the department to those non-major students who show talent in painting, design, and drawing, and who wish to pursue advance problems in the fine and useful arts. I-II, 3.

MAJOR SEQUENCE

111-112. **DRAWING AND DESIGN.** Open to students of marked creative ability who expect to major in this department. Similar in plan to 103-104 but a much more intensive study of fundamentals. Five two-hour laboratory periods per week. III-IV, 5.

205. **HISTORY OF ANCIENT AND MEDIEVAL ART.** A study of the history of art by countries and periods from the earliest times down to 1500. Three lectures per week with illustrations, assigned reading and reports. Not offered in 1938-39. Open to non-majors. II, 3.

206. **HISTORY OF RENAISSANCE AND MODERN ART.** A continuation of Art 205, from 1500 to the present time. Open to election separately. Not offered in 1938-39. Open to non-majors. II, 3.

311-312. **OIL PAINTING.** Problems in the organization and execution of pictorial units from still life, landscape, and the costumed model with the object of developing the color sense and acquiring directness of presentation. Three two-hour laboratory periods per week. Prerequisites, 112. III-IV, 3.

411-412. **PORTRAIT PAINTING.** Painting from life with special emphasis on the delineation of character. Three two-hour laboratory periods per week. Prerequisites, 312 and the consent of the department. VI-VII, 3.

431. **THEORY AND PRACTICE OF TEACHING ART.** A course dealing with the teaching and supervision of art in public schools. Laboratory assignments, observations, and required readings. Prerequisites, 206, 312, and state requirements in Education and Psychology. Hours to be arranged. 3.

221-222, 321-322, 421-422. **MAJOR TECHNICAL PROBLEMS.** This course is open by permission of the department to those major students who show particular talent in design, drawing, or painting and who wish to pursue advanced problems in such fine and useful arts as:

Clay Modelling	Advertising Art
Stage Design	Industrial Design
Easel and Mural Painting	
Home Planning and Decoration	III-IV, 2.
Textile Design and Printing	VI-VII, 3.

Fine Arts 201. "Introduction to Forms of the Fine Arts." A fundamentals course designed for those students who have had no special training in music, drama and the space arts. The basic forms and the elementary principles will be explained by lecture and example with the objective of increasing the student's appreciation of these arts. First semester open only to upperclassmen. Second semester open to freshmen and upperclassmen. Enrollment limited to 40 students each semester.

3 hours, III. Professors Eschman, Horace King, E. A. Wright.

ASTRONOMY

MR. MILLER

The courses listed below are intended to meet the requirements of both scientific and non-scientific students. Those desiring a non-technical knowledge of astronomy as part of their general education will take the course in Descriptive Astronomy. Qualified students of mathematics and physics will find in the more advanced courses, numerous applications of their special knowledge.

The student planning to major in astronomy should begin with the descriptive course. The remaining courses are planned to supply the training necessary as a preliminary to graduate study at one of the larger observatories. They may be taken in whatever order seems most suitable for the individual student.

The requirements for a major in astronomy are, 24 hours credit in the courses listed below, the Calculus, Physics 111-112, 333 and 334.

Courses 111 and 112 are intended primarily for those who desire an elementary acquaintance with the nature of the physical universe. Those who wish a four-hour laboratory course may elect Astronomy 113 and 114 in combination with 111 and 112.

111. DESCRIPTIVE ASTRONOMY. 3 lectures per week. The earth is discussed as an astronomical body, and as the observing platform from which the universe is surveyed. The physical characteristics of the solar system as a whole, and of the individual planets and other members, and the methods by which this information is obtained are described as fully as is possible without requiring previous training in mathematics and physics. II, VI, 3.

112. DESCRIPTIVE ASTRONOMY (continued). 3 lectures per week. This course forms a natural sequel to Astronomy 111, but the latter is not prerequisite. The sun is studied in detail as the nearest and best-known of the stars. Following this, the principal topics are the characteristics of stars of various kinds, the organization of stars into clusters and galaxies, and the structure of the Milky Way and the universe of galaxies. The methods used in modern astronomical research are stressed wherever possible. II, VI, 3.

113. LABORATORY ASTRONOMY. One two-hour evening laboratory period per week. This course is devoted principally to laboratory problems intended to clarify the lecture material of Astronomy 111. Visual telescopic obser-

vation and astronomical photography are carried on whenever weather permits. May be taken only in combination with Astronomy 111.

Monday or Thursday evening, 7:30-9:30. I.

114. LABORATORY ASTRONOMY (continued). A continuation of Astronomy 111-112, paralleling the lectures in Astronomy 112.

Monday or Thursday evening, 7:30-9:30. I.

211-212. PRACTICAL ASTRONOMY. Determination of fundamental stellar positions, time, latitude, longitude. Least squares. Lectures and observation. Prerequisite, course 111-112. Arr. 4.

215. STELLAR ASTRONOMY. This course treats in more detail than does 111-112 the methods, data and theories of modern stellar astronomy. The methods of astronomical statistics will receive particular attention. Open to those who have taken course 111-112 and other qualified students. III, 3.

218. THEORY AND PRACTICE OF OBSERVATION. In this course the instruments of the observatory are employed in making observations of those classes which do not come under the heading of practical astronomy. Observations of the planets, moon, and double stars with the position micrometer, of variable stars with the visual photometer, and various problems in astronomical photography are some of the fields within reach of the observatory equipment. Hours and credit to be arranged. Prerequisite, course 111-112, or 215.

221-222. SEMINAR IN ASTRONOMY. Round table discussion, and reading of current papers in selected subjects. Open to qualified students. Hours and credit to be arranged.

411. CELESTIAL MECHANICS. Prerequisite, integral and differential calculus. Offered either semester. Alternate course. Offered 1939-40. III, 3.

414. ASTROPHYSICS. The subject matter will depend on the interests and previous training of the student. Open to qualified students. Offered either semester. Alternate course. Not offered 1939-40. III, 3.

In conjunction with the Department of Engineering a course is given in Field Astronomy. For description, see Engineering Science 332.

BOTANY

MR. STICKNEY

111-112. GENERAL BIOLOGY. A consideration of living organisms and life processes, and a study of the origin of individuals and races through reproduction and evolution. The course does not follow the lines of elementary botany of secondary school and is designed equally for those entering with

or without such course. This course satisfies the Biology requirements of State of Ohio, Department of Education. Lectures and quiz Tuesday and Thursday, IV. Laboratory, two sections, Monday or Wednesday, III-IV. 3.

113-114. **DESCRIPTIVE AND SYSTEMATIC BOTANY.** A general treatment of the higher flowering plants, emphasizing structure and function in the first semester and identification and classification in the second. An intensive course in elementary botany, as an introduction to the subject and for prospective teachers. Field trips alternate with laboratory studies during the open season of both semesters. Open to all. VI-VII, 3 or 4.

209. **ECONOMIC BOTANY.** A lecture course dealing with man's relation to plants and plant life. The plant as a food-building machine, the world's food supply, fuel, drug plants, fiber plants, poisonous plants, lumber, forest influences and conservation, and ornamental plants and landscaping are among the topics included. Open to all. II, 2.

210. **BACTERIOLOGY OF DISEASE.** A lecture course dealing with germ diseases, from the standpoint of personal and public hygiene. The nature of pathogenic bacteria and their toxins, modes of infection, disease resistance and immunity, and the use of protective and preventive measures. Open to general election. II, 2.

211-212. **FIELD AND FLORISTIC BOTANY.** A course dealing with the vegetation of selected areas, as worked out in actual field study. Emphasis is placed upon the composition of the various plant associations considered, in correlation with the specific climatic, edaphic and biotic factors making up its environment. The course is logically a continuation of Botany 113-114, which course, or its equivalent, is prerequisite. Hours to be arranged. Arr. 3 or 4

213-214. **PLANT MORPHOLOGY.** A very general survey of the plant kingdom, with a study of type forms from the lowest to the highest orders. One all-day field trip and several shorter excursions each semester. Alternates with courses 315-316. Prerequisites, Courses 111-112 or 113-114, or Zoology 111-112. Offered in 1939-40.

Rec. T. and Th. III, Lab. W. and F., III-IV, 4.

315-316. **PLANT HISTOLOGY AND PHYSIOLOGY.** The study of cells, tissues, and organs of higher plants, and of the relation of these structures to life processes. Special attention is given to the technique of microscopic study during the first semester, and to experimental methods during the second. Alternates with courses 213-214. Prerequisites, courses 111-112 or 113-114. Not offered in 1939-40.

Rec. T. and Th. III, Lab. W. and F., III-IV, 4.

317-318. **BACTERIOLOGY.** An elementary course introducing the student to the nature and activities of bacteria, and to the technique and methods of

bacteriological study. Elementary chemistry is advised in addition to course 111-112 or Zoology 111-112, the regular prerequisite for this course. Not offered in 1939-40. 4.

417-418. BOTANICAL SEMINAR. The study of special topics with reports in class upon assigned reading. Either or both semesters may be taken. Ability to use French or German is desirable. Open to juniors and seniors only. Prerequisite, course 111-112 and an additional year's work in the department. Hours to be arranged. Arr. 2.

419-420. ADVANCED BOTANY. Special work on assigned problems leading to research in botany. This course may be taken only by competent students, and with consent of the head of the department. Hours arranged individually. Arr. 2-5.

CHEMISTRY

MR. EBAUGH, MR. EVERHART

Students specializing in Chemistry are advised to take courses 111-112, 213-214, 223-224, 411-412, and 413-414. If they cannot present the prerequisites for courses 411-412, enough credits must be offered from other chemistry courses to make up the minimum of 24 hours. A deposit of \$3 for breakage and non-returnable supplies will be required in all courses except 113, 209, 210, 311, 312, 413, 414.

109-110. CHEMISTRY OF THE HOME AND COMMUNITY. (For women only). An introductory course in chemistry with practical applications to domestic science and allied fields. No prerequisite. Class periods, Wednesday and Friday IV. Laboratory, Monday, VI-VII. 3. Mr. Ebaugh.

111-112. GENERAL CHEMISTRY. Principles and theories of chemistry, the quantitative aspect of the subject, and the application of chemistry to the affairs of everyday life and industry. It is recommended that a student complete a course in elementary physics or chemistry as a preparation for this course. Class periods, either Monday and Wednesday, II, or Tuesday and Thursday, VII. Laboratory, Tuesday and Thursday, I and II, or Wednesday and Friday, VI and VII. 4. Mr. Ebaugh.

113. CHEMICAL ARITHMETIC. Supplementary recitations for Chemistry 111, devoted chiefly to problem work. Class period, Friday, II.

1. Mr. Ebaugh.

209-210. **ELEMENTARY PHYSICAL CHEMISTRY.** The principles of chemistry, with thorough drill in the application of basic laws and theories to the structure of substances. Prerequisite, Chemistry 112. Class periods, Tuesday and Thursday, II.

2. Mr. Everhart.

213. **QUALITATIVE ANALYSIS.** Reactions of metallic and non-metallic ions, and the analysis of mixtures of increasing difficulty; underlying theories are emphasized constantly. Prerequisite, Chemistry 112. Class period, Monday, IV. Laboratory, Tuesday, Thursday and Friday, VI-VII.

4. Mr. Everhart.

214. **QUANTITATIVE ANALYSIS.** Gravimetric, volumetric, electrolytic and electrometric methods of analysis; drill in calculations and fundamental theories. Prerequisite, Chemistry 213 (or 112 if taken prior to 1934-35). Class period, Monday, IV. Laboratory, Tuesday, Thursday and Friday, VI-VII.

4. Mr. Ebaugh.

223-224. **ORGANIC CHEMISTRY.** A study of carbon compounds, accompanied by the preparation of typical organic substances, determination of physical constants and chemical properties, and practice in the use of tests employed in special branches of chemistry. Prerequisite, Chemistry 112. Class periods, Monday and Wednesday, I. Laboratory, Thursday or Friday, I-II.

3. Mr. Everhart.

225-226. **Supplementary laboratory periods for Chemistry 223-224,** devoted to advanced assignments, organic analysis, and special methods. Hours to be arranged.

1. Mr. Everhart.

311-312. **CHEMISTRY OF INDUSTRY AND BUSINESS.** (For men only). The application of chemistry to processes and problems of industry and business. Prerequisite, Chemistry 112. Class period, Wednesday and Friday, III; supplemented by regular inspection trips to plants.

2. Mr. Ebaugh.

313-314. **ADVANCED QUANTITATIVE ANALYSIS.** Special methods of analysis in the following groups: (a) metallurgical analysis, (b) water, (c) gas, (d) foodstuffs, (e) technical analysis for specific industries. Prerequisite, Chemistry 212 or 214, and for (d), Chemistry 224. Laboratory periods to be arranged.

2. Mr. Ebaugh.

411-412. **PHYSICAL CHEMISTRY.** (Theoretical Chemistry.) Modern theories of the atomic concept of matter, energy in chemical systems, the solid, liquid and gaseous states of aggregation, solutions, chemical equilibrium, thermochemistry, electrochemistry, photochemistry, and colloid chemistry. Prerequisites, Chemistry 212 or 214, and 224; Physics 212 (and laboratory course), and Calculus. Class periods, Tuesday and Friday, IV. Laboratory, Monday or Wednesday, VI-VII.

3. Mr. Everhart.

413-414. HISTORY OF CHEMISTRY. A seminar course. Prerequisite, Chemistry 224. Class period, Tuesday. VIII.

1. Messrs. Ebaugh and Everhart.

415-416. Supplementary laboratory periods for Chemistry 411-412, for students desiring advanced work. Hours to be arranged. 1. Mr. Everhart.

CLASSICAL LANGUAGES

MR. DEAN

A major in Classical Languages may be secured by completing 18 hours in language courses and 6 hours in other courses given by the head of the Department.

A major in Classical Civilization (with no requirements in the use of Greek or Latin languages) may be secured as follows: Greek, 102, 103, 104, Latin 104, Religion 111, Art 205, History 317, 318, Philosophy 331, and either Education 213 or Government 323.

Courses in Classical Civilization

(No use or study of Greek or Latin Languages)

GREEK 101. GREEK CIVILIZATION. A survey of the cultural achievements of the Greeks, their institutions and thought, with some interpretation of their value to the modern world. May be included in a History major. III, 2.

LATIN 104. ROMAN CIVILIZATION. An investigation of Roman character and government as developed in a world-empire. The legacy of the Roman world to our own will be studied. III, 2.

GREEK 102. GREEK LITERATURE IN ENGLISH. Masterpieces of prose and poetry, especially epic, tragedy, comedy, history, and philosophy will be read, analyzed, and interpreted. Not offered in 1939-40. II, 2.

GREEK 104. MYTHOLOGY-RELIGION. The pageantry of Greek and Roman imagination as revealed in immortal tales which have made their contribution to all subsequent literature. Offered in 1939-40. II, 2.

FOR GREEK AND ROMAN HISTORY, see Department of History.

FOR GREEK AND ROMAN ART, see Department of Art.

FOR GREEK AND ROMAN PHILOSOPHY, see Department of Philosophy.

Language Courses

GREEK

111-112. Open to students of all classes. Learning the elements is combined with reading a famous and fascinating language. The aim of the course is to develop the ability as quickly as possible to read some classical author. Word study and the Greek contribution to English vocabulary is not overlooked. I on Tu. and Th. One hour. Arr. 3.

331-312. NEW TESTAMENT. Rapid reading in the Synoptic Gospels and the Epistles; study of the philology and interpretation of the portions read. Arr., 2.

LATIN

101. Selections from the Work of Cicero. Additional reading in English from Cicero's writings. Open to students who have had two or three years of secondary Latin. VII, 3.

102. VIRGIL. Selections from the first six books of the *Aeneid*; supplementary work as in course 101. Prerequisite, course 101, or 3 years of secondary Latin. VII, 3.

111-112. SELECTIONS FROM LATIN LITERATURE. Authors, principally poets, not previously studied will be read. The aim of the course is to correlate and supplement earlier work in Latin. Rapid reading and comprehension will be emphasized. For students who have had four years of Latin in High School. III, 3.

211. PLAUTUS AND OVID. Comedy and mythology. Sight reading. Offered 1939-40. VI, 3.

212. PLINY AND CICERO. Letters and Essays. Offered in 1939-40. VI, 3.

311-312. VIRGIL. A study of the poems of Virgil and their place in the history of literature from points of view which cannot be emphasized in the preparatory school. Especially advised for students who expect to become teachers of Latin in secondary schools. Not offered in 1939-40. VI, 3.

315. METHODS IN LATIN. Lectures on teaching Latin in secondary schools. Discussion and study of special points, such as the aims of the study of Latin, high school Latin courses and text-books, and the correlation of Latin with other studies. Training in reading Latin aloud, and in writing Latin. Counts toward Education credit. Prerequisites, Education 211 and 3 other hours, Psychology 211, 321. Not offered 1939-40. I, 2.

ECONOMICS

MR. GORDON, MR. HAND, MR. MORROW, MR. O'BEIRNE

A major in Economics requires a minimum of 27 hours. Majors in this department are required to take Freshman Mathematics, preferably 109, 110, and are urged to elect as many as possible of the following courses: Geology 122; Government 211; History 111, 112, 351-352; Philosophy 223, 326; Psychology 211, 220; Speech 111-112.

211-212. PRINCIPLES AND PROBLEMS OF ECONOMICS. Designed to provide a thorough groundwork in economic principles. Open to prospective majors only, who must attain a minimum grade of C. Sections 1 and 2 meet M. W. F. at L.

3. Mr. Gordon, Mr. Hand.

213-214. ELEMENTARY ECONOMICS. A general introduction to economics, designed for students who do not expect to major in the department. Not open to those who have credit for 211-212. All students will meet together once a week for a lecture and twice a week in smaller groups for discussion. Lecture W., IV. Section 1, T. Th. at I; Section 2, T. Th. at I; Section 3, T. Th. at II; Section 4, M. W. at VI.

3. Mr. Gordon, Mr. Hand.

231-232. PRINCIPLES OF BUSINESS LAW. A survey of the law of contracts, agency, negotiable instruments, business organizations, bankruptcy and personal property.

I, 3. Mr. Morrow.

233-234. PRINCIPLES OF ACCOUNTING. Section 1, T. Th. at II; Section 2, W. F. at III; required laboratory W., VI-VII.

3. Mr. Hand.

315. MONEY AND BANKING. Prerequisites 211-212 or 213-214.

III, 3. Mr. Hand.

316. CORPORATE ORGANIZATION AND FINANCE. The following topics will indicate the nature of this course: Forms of business organization with emphasis on the corporation; holding companies, trusts and other types of combination; the stock exchange, and regulation of security issues. Prerequisites 211-212 or 213-214.

III, 3. Mr. Hand.

317. LABOR PROBLEMS. An analysis of wage earners' efforts to improve their status through labor organizations and collective bargaining; of employers' attempts to solve labor problems through scientific management, employee representation and profit sharing; concluding with the efforts of society, through government, to solve the problems by legislation. Prerequisites 211-212 or 213-214.

III, 3. Mr. Gordon.

319. **PRINCIPLES OF INSURANCE.** The primary purpose of this course is to give future buyers of insurance some idea of insurance costs and how premiums are calculated, to explain differences among the numerous types of contracts and to compare types of insurance companies. While chief emphasis will be placed on life insurance, health, accident, fire and automobile insurance will be considered. Restricted to Seniors. VI, 3. Mr. Gordon.

332. **ECONOMICS FOR CONSUMERS.** A practical course designed to develop the art of consuming wisely. The influence of custom, fashion, imitation and advertising on consumer demand is considered, with special attention being given to advertising, from the consumer's point of view. Efforts of government to protect consumers from fraud, misrepresentation and adulterated goods are described. Practical suggestions on budgeting and wise buying are made. Installment buying is analyzed. The Cooperative Movement, Consumers' Research and Consumers' Union are examined critically. Throughout the course students are assigned to special projects designed to develop their art of buymanship. Restricted to Seniors and Juniors. VI, first semester; III, second semester; 3. Mr. Gordon.

410. **PRINCIPLES OF PUBLIC FINANCE.** An extensive study of the sources of governmental income with emphasis on the theories and incidence of taxation, borrowing and the growth and significance of public expenditure. Prerequisites 211-212 or 213-214. Not offered 1939-1940. IV, 3. Mr. Hand.

413. **RECENT DEVELOPMENTS IN ECONOMIC THOUGHT.** A reading course in current economic journals. T. 7 to 10 P.M. 3. Mr. Gordon.

416. **INTERNATIONAL ECONOMIC RELATIONS.** Starting with a study of the fundamental principles of foreign trade the course proceeds to the application of these principles to such economic problems as the tariff, shipping subsidies, foreign capital investment, war debts and reparations. Prerequisites 211-212 or 213-214. Required of all senior economics majors. VI, 3. Mr. Gordon.

420. **SENIOR RESEARCH.** This course is designed to provide an opportunity for majors to learn the elements of research methods by preparing a thesis on a subject in which they are especially interested. This also affords a means of working in specialized field not included in the regular departmental offerings, such as advertising, transportation, or marketing. The annual Senior Research Prize in Economics is awarded to the author of the best paper, as determined by outside judges. Arr., 2. Mr. Gordon.

440. **GOVERNMENT AND BUSINESS.** A Spring Recess trip to Washington to observe the federal government perform its economic functions through such agencies as Congressional Committees, Supreme Court, Federal Reserve Board, Federal Trade Commission, Federal Communications Commission, Interstate Commerce Commission, Tariff Commission, Social

Security Board and National Labor Relations Board. Interviews and conferences will be arranged with individuals prominent in formulating or administering governmental economic policy. Each student is required to write a report on some special phase of the relation of government and business, based on material collected on this trip and on supplementary reading. This course is intended primarily for senior majors in economics, but others who have shown ability in economics may register upon securing consent of the instructor. Estimated minimum cost, \$35.

Spring Recess, 2. Mr. Gordon.

EDUCATION

MR. HAWES, MR. MAJOR, MISS RALSTON, MR. HUFF

Denison University is accredited by the State Department of Education of Ohio in the teacher training field of secondary education, including the junior high school and the senior high school. The University also offers courses in the training of teachers and leaders in the fields of religious and commercial education. Special Certificates in Music and Physical Education can be secured by both men and women on completion of the required courses of these curricula. By special arrangement with other approved institutions one may obtain the work required for the Elementary Teachers Certificate.

211. INTRODUCTION TO SCHOOL MANAGEMENT. This course deals with classroom management as distinguished from instruction. Types and methods of class organization, grouping of pupils, supervised study, standardized tests, records and reports, are the main topics of this course. Open to freshmen by permission.

III, IV, 3. Mr. Hawes, Miss Ralston.

213. HISTORY OF EDUCATION. The purpose of this course is to trace in considerable detail the educational development in European countries from the earliest times to the present and to show in what way this development has been affected by the social and political facts of history and the contributions of the leading education theorists. Lectures, outside readings and class discussion. No prerequisites.

I, 3. Miss Ralston.

214. HISTORY OF EDUCATION IN THE UNITED STATES. A course in the historical backgrounds of American education, with special emphasis on the theories and practices which resulted in the attainment of a free public school as an expression of American democracy. Lectures, outside readings and class discussion. No prerequisites.

I, 3. Miss Ralston.

311. THE TEACHING OF SCIENCE. To inculcate the power to think constructively; the special methods of developing that ability. Prerequisites, Education, General and Educational Psychology. VII, 3. Mr. Hawes.

313. METHODS OF TEACHING MUSIC IN THE PUBLIC SCHOOLS. A review of psychology, general principles, and materials for the elementary school, a study of the history of public school music, and a survey of prevalent teaching methods. Especially suitable for those who need methods for elementary certification. Prerequisites, Education, General Psychology and Educational Psychology. II, 3. Mr. Huff.

314. METHODS OF TEACHING MUSIC IN THE PUBLIC SCHOOLS. A study of more advanced methods and materials suitable for the junior and the senior high schools. Prerequisites, Education, General Psychology and Educational Psychology. II, 3. Mr. Huff.

315. COMPARATIVE EDUCATION. A comparative study of contemporary educational systems including those of the United States, continental Europe, China, Japan and South American countries. The study of educational principles and practices and their interactions with political philosophies and organizations will furnish a basis for a better understanding of the peoples of other countries. Not offered in 1939-40. VII, 3. Mr. Hawes.

320. TEACHING OF THE SOCIAL STUDIES. Procedures especially adapted to the teaching of the social studies, the social studies as laboratory subjects, recent pioneering in this field, and the problem of responsibility to society as it affects the social studies teacher are topics which provide the framework of this course. Prerequisites, Education, General Psychology and Educational Psychology. II, 3. Miss Ralston.

321. METHODS OF TEACHING IN HIGH SCHOOL. General methods for prospective high school teachers. Problems of high school teaching, but not administrative problems. Prerequisites, Education, General Psychology, and Educational Psychology. VII, 3. Mr. Major.

322. TESTS AND STATISTICS. Designed for teachers, supervisors, and superintendents. The work of the course includes class discussions, outside reading, construction and use of tests, practice in making distributions, and the development of skill in certain fundamental statistical computations. VII, 3. Mr. Major.

401. METHODS OF STUDY. This course is designed for only those who intend to teach. It deals with the more successful and approved methods of study as they concern the classroom teacher. Prerequisites, Education, General Psychology, and Educational Psychology. VI, 1. Miss Ralston.

402. PROFESSIONAL READINGS. The reading of books of wide interest just off the press affords membership in the Ohio Teachers' Reading Circle.

Students in education, interested in professional growth, may take the course four times for credit.

VI, 1. Miss Ralston.

412. **PRINCIPLES OF SECONDARY EDUCATION.** Study of the secondary school pupil, his physical and mental traits, individual differences and social principles, with particular emphasis upon subject values and a philosophy of education. Prerequisite, twenty-one hours in Education and Psychology.

III, IV, 3. Mr. Hawes.

414. **SCHOOL ADMINISTRATION AND SUPERVISION.** A study of the duties and opportunities of administrative and supervisory officers, including a survey of organization and amangement of educational systems. Observations, surveys, and practical field work under supervision. Prerequisites, Education and Psychology. Meets as a two hour course. III, 2-3. Mr. Hawes.

415; 416. **STUDENT TEACHING.** To be eligible for this course, a student must have been in residence at Denison for one college year, must complete a major in education, and present an average grade of B in the subject which he expects to teach; he must also secure a recommendation from the head of the department of his teaching subject. No student should attempt to carry more than 12 academic hours of credit in addition to his student teaching. In this course, all effort centers upon these objectives: teaching under supervision, the preparation of lesson plans, conferences upon lesson plans, and conferences following the observed student teaching. Arranged 4-6. Conference Th. 4 P.M.

Mr. Major, Mr. Hawes, Miss Ralston.

All special methods courses listed under other departmental headings are offered with the cooperation of this department. The prerequisites for these courses are Education, General Psychology and Educational Psychology. Exceptions to this regulation must have the approval of this department. For courses in special methods of teaching, see English 413; Latin 315; Mathematics 323; Physical Education for men 311, 312, 344; Physical Education for women 325, 326, 416; Speech 311.

ENGINEERING SCIENCE

MR. LADNER, MR. ADES

The engineering courses offered by this department are fundamental for such engineering fields as Architectural, Chemical, Civil, Electrical, Mechanical, Mining Engineering, and Engineering Physics. Courses amounting to 26-36 hours of credit are offered as a major sequence leading to the degree of A.B. This major must include courses 111, 122, 211, 216, 313, 315 and 322.

Students majoring in this department, with properly chosen electives, receive a broad but practical engineering training. They are prepared on graduation for professional employment or for further specialization.

1. They may secure permanent employment with industries which prefer to accept students with a general engineering education, and to develop them, by apprentice training, to fill responsible positions.
2. They may obtain temporary employment with the idea in mind of finding from actual experience the line of specialization they wish to follow.
3. They may proceed at once with their graduate work.

Since the courses at Denison are identical with those in most technical and engineering schools, credits obtained at Denison may be transferred at their face value.

111. **ENGINEERING DRAFTING.** Use of instruments, simple projections, freehand sketching, geometric problems, conventional signs, tracings. Students may register for two, three or four hours. *Recommended for non-engineering students, particularly those majoring in the sciences.* Four credit hours with attendance five days a week are required of all Engineering Students. No prerequisites. VI and VII. 2-4.

115. **MACHINE DRAWING.** Elementary design, working drawings and tracings. Prerequisite, course 111. Same periods as 111. 2.

122. **ELEMENTARY SURVEYING.** Fundamental surveying methods; use of steel tape, level and transit; differential and profile leveling; land surveying, areas and plotting. Prerequisite, course 111 and Trigonometry. Two recitations and two laboratory periods per week. VI, 4.

201. **HIGHWAY TRANSPORT.** History of highway transport development; economics and fundamentals of different methods of transportation of passengers and commodities. *Not restricted to engineering students.* Open to approved students of sophomore standing. IV, 2.

211. **DESCRIPTIVE GEOMETRY.** An intensive development of the conventional projection theories of drafting with problems and applications in point line, and plane; intersection and development of surfaces. Prerequisite, course 111. III, 4.

216. **TECHNICAL MECHANICS.** The principles of mechanics with reference to their application to engineering. Mechanics of rigid bodies by graphic and by algebraic methods; mechanics of particles; work and energy; im-

pulse and momentum. Each student is required to provide himself with a slide rule of approved type. Prerequisites, Mathematics 221-222 and Physics 111 and 211. III, 5.

313. MECHANICS OF MATERIALS. A study of engineering materials and their reactions to applied loads—including a study of stress, strain, tension, compression, shear, torsion, and flexure. Practical problems are included on—riveted joints; bending and direct stress; columns; beams; deflection of beams by different methods; and the solving of indeterminate beams by the area—moment, conjugate beam, theorem of three moments, and moment distribution methods. Prerequisite, course 216. IV, 5.

315. LABORATORY IN MECHANICS OF MATERIALS. Experiments with beams, struts, shafts, and engineering materials, supplementing text work. Attendance at one two-hour laboratory period each week. Must be preceded or accompanied by Engineering Science 313. Hrs. arranged. 1.

322. MATERIALS OF CONSTRUCTION. The chemical and physical properties, uses, methods of manufacture, methods of testing and unit stress of each material are considered. Materials studied include iron, steel, cement, lime, brick, timber, and some of the minor metals and alloys. Motion pictures supplement the work in the classroom and laboratory. IV, 3.

324. ENGINEERING INSPECTION TRIP. During the spring vacation, visits are made to industrial plants such as steel, cement, etc., and to the sites of engineering structures, particularly those studied in different courses. This trip will cover practically the entire spring vacation. A carefully prepared written report for all of the places visited is required. Open only to junior and senior engineering majors. Offered in alternate years and in 1939. Prerequisite, course 322. Estimated cost \$35 to \$40. Not offered 1939-40. 2.

325. HIGHWAY ENGINEERING. Historical development; economic administration and legislation; design of roads and streets and materials used in their construction. Open to juniors and seniors. *Not restricted to engineering students.* No prerequisite course. I, 3.

330. REINFORCED CONCRETE. The design of reinforced concrete slabs, beams, columns, and footings; practical problems in design and detailing, such as a reinforced concrete retaining wall, and a reinforced concrete warehouse. Prerequisite, course 313. Not offered in 1939-40.

332. ADVANCED SURVEYING. City, topographic, hydrographic, and stream flow surveying; determination of azimuth, time and latitude. The department is equipped with the most modern precise instruments. Prerequisite, course 122. Field periods to be arranged. Two hours given by the Astronomy Department. VII, 4.

411. ANALYSIS OF STRUCTURES. Determination of working stress in roof and bridge trusses and other steel structures under various conditions of loading, by analytical and graphical methods. Prerequisite, course 313.

II, 4.

412. STRUCTURAL DESIGN. A continuation of course 411. The design of room and bridge girders and trusses and other structures with drawings. Prerequisite, course 411.

II, 4.

ENGLISH LITERATURE AND RHETORIC

MR. KING, MISS MACNEILL, MR. SHUMAKER, MR. MAHOOD,
MR. WHIDDEN, MISS SHANNON

Students whose major work is in this department will elect, in addition to the specific requirements, a minimum of twenty-six hours from the courses in English. Among these courses must be included English 321-322 and English 333.

111-112. ENGLISH COMPOSITION. Recitations, themes, conferences, and the study of modern prose writers. Required of all freshmen.

Sections at periods I, II, III, IV, VI, and VII, 3.

211-212. ENGLISH LITERATURE. A survey of the history of English literature, with particular emphasis on poetry. Prerequisites, courses 111-112.

I, II, III, IV, and VI, 3.

213-214. NEWSWRITING AND EDITING. Prerequisites courses 111-112. VI, 3 hours. Mr. Whidden.

NOTE—Courses 111-112, 211-212 are prerequisite to all other courses in the department except 213-214.

315. ADVANCED COMPOSITION. A review of the fundamentals of English composition. Designed for students who feel the need of further practice and drill in writing. Open to juniors and seniors only. Repeated second semester. (Not offered 1939-40).

Arr., 2.

321-322. SHAKESPEARE.

I, 3. Mr. King.

323. MILTON. A study of Milton's poetry and prose, with some attention to the minor poets of the period. Alternates with course 335 and is not offered in 1939-40.

II, 3. Miss MacNeill.

324. THE ROMANTIC MOVEMENT IN ENGLAND. A brief review of the movement in the eighteenth century, followed by a closer study of the work of Wordsworth, Coleridge, Byron, Shelley, and Keats. Not offered in 1939-40.

III, 3. Mr. King.

325. THE ENGLISH NOVEL. A study in the development of the novel in England during the 18th and 19th centuries. IV, 2. Mr. Mahood.

326. THE SHORT STORY. The reading and the analysis of representative modern short stories. I, 2. Mr. Shumaker.

329. THE ELIZABETHAN DRAMA. Exclusive of Shakespeare. Second semester only. III, 2. Mr. Whidden.

330. THE MODERN DRAMA. First semester only. III, 2. Miss Shannon.

333. CHAUCER. III, 3.

334. CREATIVE WRITING. Expository, critical, and imaginative writing. II, 2.

335. VICTORIAN POETS. A study of Tennyson, Mathew Arnold, Swinburne and other poets of the period. Alternates with course 323 and is offered in 1939-40. II, 3. Miss MacNeill.

336. BROWNING. An intensive study of the shorter poems, together with the reading of selected longer ones. II, 3. Miss MacNeill.

339. ENGLISH PROSE OF THE 18TH CENTURY. Exclusive of the novel. A study of Defoe, Swift, Addison, Steele, Johnson, and others. IV, 3. Mr. Shumaker.

340. ENGLISH PROSE OF THE 19TH CENTURY. Exclusive of the novel. A study of Carlyle, Ruskin, Macaulay, Arnold, Lamb, Hazlitt, Pater, and others. IV, 3. Mr. Shumaker.

342. THE MODERN NOVEL. A study of recent contemporary American and English fiction. Prerequisite, course 325. IV, 2. Mr. Mahood.

AMERICAN LIFE AND LITERATURE. American literature will be studied together with a broad survey of its historic background. The political history of the United States will be subordinate to a study of the cultural advance of American society. The class will be met alternately by Mr. King and Mr. Utter. This course is open to juniors and seniors and may be counted toward a major in English or History. In registration this course should be designated as "History 351-352." II, 5. Mr. King and Mr. Utter.

413. THE TEACHING OF ENGLISH. A course designed for seniors who expect to teach English in high schools. May be counted as credit in Education (see page 68) as well as credit toward a major in English. To be applied on the former, six hours in the department of Education and six hours of Psychology are prerequisite. Open to juniors by consent of the instructor. I, 2. Mr. Shumaker.

The following courses in literature are given in other departments: Greek Literature in English—see Classical Languages, German Literature, French Literature and Spanish Literature—see Modern Languages.

GEOLOGY AND GEOGRAPHY

MR. WRIGHT

A student majoring in Geology or Geography must pass acceptably at least 24 hours of work in this department. He should also take at least 20 hours in Chemistry, Physics, Mathematics, Zoology and Engineering Science. The work in these and other supporting sciences will be prescribed in accordance with the needs of the individual student.

111. **PHYSICAL GEOLOGY.** This course is to be accompanied by 115. The elements of dynamical and structural geology. The materials of the earth, their structural relations, and the agents operating upon them such as streams, wind, ice, and waves. T., W., Th., III, 3.

112. **HISTORICAL GEOLOGY.** This course is to be accompanied by 116. The history of the earth and the development of its organisms. The major physical events and the most characteristic features of the life of each period from earliest time to the present are presented. T., W., Th. III, 3.

115-116. **LABORATORY AND FIELD.** Designed to accompany 111-112, and may be taken in connection with 121 and 122 with the consent of the department. Two hours per week. Laboratory sections: Mon. 2-4, Tues. 2-4, Wed. 2-4, Thurs. 2-4, Fri. 10:30-12:30. 1.

121. **PHYSICAL AND HUMAN GEOGRAPHY.** An elementary course dealing with the earth as a globe, the atmosphere, oceans, and lands, and also the relationships between geographical environment and human activities. This is a desirable course for those who expect to teach science. II, 3.

122. **GEOGRAPHY OF NORTH AMERICA.** A study of the physical features and resources of North America and their influence upon human affairs. Prerequisite, 121 or 111. II, 3.

211. **MINERALOGY AND PETROLOGY.** For those desiring a general knowledge of the common minerals, the properties by which they are recognized, their significance as constituents of the earth's crust, and as sources of useful substances. It includes also an elementary study of rocks and the means

by which they are identified. Prerequisite, courses 111-112, and an elementary course in chemistry. One lecture and six laboratory hours. Not offered in 1939-40. IV, 4.

311. **PHYSIOGRAPHY OF THE LANDS AND MAP INTERPRETATION.** An advanced course dealing with the evolution of landforms. Constructional landforms, such as plains and mountains, are considered in detail and their histories carefully traced. The work with maps consists in the application of the principles studied in physiography to the interpretation of topographic maps. Two hours of lecture weekly will be devoted to physiography and at least one discussion hour will be given to maps. Prerequisite, courses 111-112, 121-122. IV, 4.

320. **FIELD WORK.** An auto trip across the Appalachians to Norfolk, Virginia. A complete section through the Appalachian Highlands including the Appalachian Plateau, Appalachian Ridges, Shenandoah Valley, Blue Ridge, and Piedmont, and a traverse of the Atlantic Coastal Plain. A carefully prepared written report with diagrams required. Open to students who have completed or are completing at least a year course in geology or geography. Estimated cost, \$45.00. Spring Recess, 2.

322. **FIELD WORK.** Similar to 320, but principally in the Great Smoky Mountain region, or in the West. In case a western trip is taken the course may carry as much as six hours of credit. Estimated cost for shorter trip, \$45.00. Summer, 2.

412. **SEMINAR.** Special work in structural or economic geology or in preparation for the comprehensive examination. VI, 2.

HISTORY AND GOVERNMENT

MR. UTTER, MR. DEWEERD, MR. RODEN, MR. PIERCE

A major of 24 hours may be completed in either division of the department. A maximum of six hours credit in one division may be counted toward a major in the other.

HISTORY

111-112. **MODERN EUROPEAN HISTORY.** While the principal emphasis of this course is on the period since 1500, the first three weeks will be devoted to a study of medieval institutions. The first semester's work covers the periods to 1789, and the second semester's from 1789 to the present.

I, II, III, IV, VI. 4. Mr. Utter, Mr. DeWeerd, Mr. Pierce.

213-214. HISTORY OF ENGLAND. A general course dealing with the political, social, and cultural history of the nation. Especially valuable for students of literature, and for those expecting to enter law and teaching. Alternate course. Offered in 1939-40. IV, 3. Mr. Pierce.

221-222. HISTORY OF THE UNITED STATES SINCE 1763. A survey course prerequisite to advanced courses in American history. The student will be expected to read rather widely in the literature of American political and social history. See note under History 351. I, 3. Mr. Utter.

311-312. THE WORLD WAR AND ITS AFTERMATH. The diplomatic background of the Great War, the war itself, the Versailles Conference and the peace treaties, the new states of Europe, problems of reconstruction, the revival of Turkey, and developments since 1918 are the principal topics studied in this course. Prerequisites, courses 111-112 or equivalent. Intended for juniors and seniors. II, 3. Mr. DeWeerd.

317-318. THE ANCIENT WORLD. From the dawn of civilization to the period of Justinian. First semester, the Orient and Greece; second semester, Roman History. Intended for juniors and seniors but open to sophomores by permission. Given by the department of Latin. Alternate course. Offered in 1938-39. Open to election separately. II, 3. Mr. Dean.

324. THE AMERICAN FRONTIER. This course will treat of the importance of the frontier in American economic, political, and intellectual development. Prerequisite, course 221-222 or 351-352. Alternate course, not offered in 1939-40. III, 3. Mr. Utter.

325. HISPANIC-AMERICAN HISTORY. A general course in the history of the Americas south of the United States. Also of interest for students of modern languages, economics, and government. Prerequisites, courses 111-112 or 221-222. Alternate course, offered in 1939-40. III, 3. Mr. Pierce.

326. THE HISTORY OF AMERICAN DIPLOMACY. Historical analysis of such problems as the American system of neutrality, the freedom of the seas, American commercial policy and movements for the preservation of peace. Prerequisites, course 221-222 or 351-352. Alternate course, not offered in 1939-1940. III, 3. Mr. Utter.

333. THE RENAISSANCE AND REFORMATION. The Renaissance will be studied as the period of revival of nationalism, individualism and conscience as well as the age of renewed interest in art, science, and literature. The Protestant Revolution will be treated in its economic and political as well as in its intellectual and spiritual aspects. Prerequisites, courses 111-112. Alternate course, not offered in 1939-40. III, 3. Mr. Pierce.

351-352. AMERICAN LIFE AND LITERATURE. American literature will be studied together with a broad survey of its historic background. The political

history of the United States will be subordinate to a study of the cultural advance of American society. The class will be met alternately by Mr. King and Mr. Utter. This course is open to juniors and seniors. May not be taken by students who have had History 221-222. Credit will be divided equally between the departments of English and History.

II, 5. Mr. King and Mr. Utter.

STUDIES IN HISTORY. Introductory courses in historical method. Training in the collection and evaluation of historical data. Preparation of papers under critical supervision. Acquaintance with standard authorities in the field of study. One course required of senior majors in the second semester. Hours in the late afternoon to be arranged:

412. **STUDIES IN EUROPEAN HISTORY.** 2. Mr. DeWeerd.

414. **STUDIES IN AMERICAN HISTORY.** 2. Mr. Utter.

GOVERNMENT

211-212. **AMERICAN GOVERNMENT.** How our government works in practice; an introductory study of its structure and importance in everyday life. Students interested in law, governmental service, or teaching are urged to start with this course as soon as possible. II, IV, 3. Mr. Roden.

215. **EUROPEAN GOVERNMENTS.** A comparison of the working of the principal governments of Europe, Great Britain, France, Germany, Italy and the Russian Socialist State, with the other national systems.

III, 3. Mr. Roden.

218. **INTERNATIONAL RELATIONS.** A study of the various factors which influence the relations between nations, followed by a critical study of the agencies of international government and peaceful settlement of disputes. The emphasis will be upon the period 1920 to the present. Lectures, recitations, reports. VI, 3. Mr. Pierce.

315. **PUBLIC ADMINISTRATION (A).** The new science of public service which is replacing the spoils idea in politics. Students electing this course should try to keep Wednesday afternoons as free as possible for occasional trips to the state capitol to observe state administration at first hand. Offered in 1940-41.

W. III, F. III & IV, 3. Mr. Roden.

316. **PUBLIC ADMINISTRATION. (B).** Continuing the study of public services rendered by our government. The second semester is devoted particularly to services close to the citizen locally: education, the courts, police, fire, health, welfare work, etc. Offered in 1940-41.

W. III, F. III & IV, 3. Mr. Roden

323. HISTORY OF POLITICAL THEORY. A study of leading thought on the origin of government and its proper sphere, from Plato and Aristotle to Stalin and Mussolini. Offered in 1940-41.

412. INTRODUCTION TO THE LAW (JURISPRUDENCE). The fundamental institutions of the law; the development of legal reasoning; the practice and procedure of the courts. Offered in 1940-41. III, 3. Mr. Roden.

425. INTRODUCTION TO CONSTITUTIONAL LAW. A study of the American constitution; its origin and nature; the relationship between the state and federal governments; the recent trend of its jurisprudence. The course introduces the student to the case method used in the law schools. VII, 5. Mr. Roden.

426. INTERNATIONAL LAW. A study of the growing number of international cases settled judicially; the rules to be deduced from the practice of states; and of the controversy over the supremacy of national or international law. Some study is also made of Private International Law. VII, 5. Mr. Roden.

NOTE—A sound student of Government will also take Statistics; pre-law students are advised to read the suggestions in the early part of this catalog; a good lawyer will need to be well informed on modern Accounting practices; preparation for government examinations should include courses on mental testing; preparation for foreign service should include History, Economics 416, Botany 209, Geology 121, 122, French, Spanish, Philosophy 326, and Economics 231-2.

MATHEMATICS

MR. WILEY, MR. RUPP, MR. LADNER, MR. KATO, MR. RUPP, JR.

The courses in Mathematics are planned not only for the development of the student's mathematical knowledge, but also for the formation of a necessary foundation for work in the sciences.

The initial courses are 115-116 of Sequence No. 1 or 121-122 of Sequence No. 2. Sequence No. 2 should be elected by those who excelled in high school mathematics. This sequence is advised, by the heads of the departments concerned, for those who anticipate doing their major work in Astronomy, Engineering, Mathematics, or Physics. Students planning to major in Economics, or possibly some other of the social sciences, and who give evidence of mathematical ability adequate for carrying the course, may be advised

to substitute 109-110 in the place of 115-116, or 110 in place of 116. Courses 323 to 336 inclusive, are recommended for those planning to teach Mathematics in secondary schools.

The first two years work, 460, and at least two additional courses in Mathematics, not counting courses 109 and 323, are required of majors in the Department. Those desiring recommendation for graduate work in Mathematics must take course 353. All majors will, after consultation with the Head of the Department, elect a minimum of twelve hours in subjects related to Mathematics.

Sequence No. 1

115-116. INTRODUCTION TO MATHEMATICAL ANALYSIS. Algebra, trigonometry, and analytical geometry are studied from the function viewpoint. The elementary ideas of the calculus are introduced at the beginning and used throughout the course. Students are placed in sections according to ability.

I, III, IV, 4. Mr. Rupp, Mr. Kato.

215-216. THE CALCULUS. Prerequisite, course 116 or 122.

II, 4. Mr. Rupp.

Sequence No. 2

121-122. INTRODUCTION TO MATHEMATICAL ANALYSIS. A combined two-semester course that is more intensive and more extensive than courses 115-116.

IV, 5. Mr. Wiley.

221-222. THE CALCULUS. A course of greater intensity and of more content than 215-216. Prerequisite, course 122. (Outstanding students from course 116 may be admitted upon recommendation of their instructor).

I, 5. Mr. Wiley.

Non-Sequence Courses

109. MATHEMATICS OF FINANCE. Elementary theory and practical problems in compound interest, annuities, sinking funds, depreciation, amortization, probability, life annuities, and life insurance net premiums. Computation with the use of compound interest, annuity and logarithmic tables and computing machines is stressed throughout the course. Designed particularly for students who are planning to major in Economics. Prerequisite, ability in mathematics and consent of the instructor.

I, II, 4. Mr. Ladner.

(Credit is limited to 3 hours for students who have had course 115 or 121.)

110. MATHEMATICS OF STATISTICS. Elementary theory and applications of mathematical statistics treating the following topics: averages, dispersion, skewness, sampling and correlation, index numbers. Prerequisite, course 109, 115 or 121.

I, II, 4. Mr. Ladner.

323. METHODS. Instruction in methods of teaching secondary school mathematics. Counts for credit in Education. Prerequisite, course 116 or 122; Educ. 211 and 3 other hours; Psych. 211, 321. III, 2. Mr. Rupp.

332. COLLEGE ALGEBRA. Selected topics not covered in the freshman year. Prerequisite, consent of the instructor. Alternates with 336 and is offered in 1939-40. III, 3. Mr. Rupp.

336. COLLEGE GEOMETRY. A synthetic treatment of properties of the triangle, inversion, concurrence and collinearity, harmonic division and like topics. This course is designed for those who desire to enrich their high school plane geometry by theorems not studied in that course. Prerequisite, consent of the instructor. Alternates with 332. Not offered in 1939-40.

III, 3. Mr. Rupp.

352. SOLID ANALYTIC GEOMETRY. This extends the work of the Freshman year into three dimensions. Matrices and determinants introduced and used. (See note below).

353. DIFFERENTIAL EQUATIONS. An introductory course. Prerequisite, course 216 or 222. II, 4. Mr. Kato.

354. ADVANCED CALCULUS. The content of this course will vary somewhat from year to year to meet the needs of the students electing it. Prerequisite, course 216 or 222. (See note below).

356. PROJECTIVE GEOMETRY. An introduction. The synthetic treatment is used. Prerequisite, consent of the instructor. (See note below).

358. MODERN ALGEBRA. Introduction to matrices, invariants, groups, linear forms, quadratic forms and other selected topics. Prerequisite, course 216 or 222. (See note below).

453. VECTOR ANALYSIS. A concise treatment of the fundamental principles of the subject, with selected applications to geometry, mechanics, and physics. Prerequisite, the calculus and General Physics. II, 4. Mr. Wiley.

460. SENIOR SEMINAR. This course is designed to integrate the student's mathematical knowledge and extend his mathematical horizon. The historical development, the philosophical bearing, and the contribution to culture of mathematics will be studied. Required of all majors.

II, 3. Mr. Wiley.

NOTE: Course 352, 354, 356, or 358 may be elected second semester of junior year with consent of the instructor, Mr. Kato. Each is handled on an individual basis.

MODERN LANGUAGES

MR. ODEBRECHT, MRS. SKINNER, MR. AMNER, MR. WILEY,
MR. FELT, MR. SKIFF, MISS LEIN

For a major in this department credit for 24 hours is necessary, chosen normally from the courses in one language; a maximum of 50 hours, of which no more than 36 are in one language, is allowed. No credit is given for less than a year of a beginning language. Students majoring in any modern foreign language should consult the adviser in that language for specific course requirements.

GENERAL COURSE

115. LANGUAGE. A basic course, composed of the essential facts and processes of language, to give the student a survey of the field of language and a synthesis of the principles common to the study of all languages, including English.

Designed particularly for incoming freshmen deficient in linguistic background and/or aptitude who expect later to study some foreign language. Students who have done satisfactory language work or who have no difficulty with English grammar are not expected to enroll, hence advisers at the coming Spring registration are asked to require this course *only* of such resident students as have proved their insufficiency by failure in beginning language
VI, 3. Mr. Wiley.

FRENCH

111-112. INTRODUCTION TO THE FRENCH LANGUAGE. An introduction to the language from the oral and written angles simultaneously. Reading is started at an early stage, or as soon as a knowledge of the grammatical principles will permit.
II, III, 4.

112-211. INTERMEDIATE FRENCH. The aim and methods of this course are identical with those of our regular second and third semester work. The course will ordinarily be open to students who have had one semester of college French, or one year in High School. Students enrolling in this course should also registered for 213-214, at the same hour.
VI, 3.

211-212. SHORT STORY, NOVEL, AND DRAMA. This course is the normal sequence of 111-112, and continues the study of the language along the same lines, but with emphasis on reading for accurate comprehension and appreciation.
I, VII, 3.

213-214. CONVERSATION AND COMPOSITION. Designed to accompany 211-212, for those students who wish to develop greater language skill.

VI, VII, 2.

221. MODERN FRENCH AUTHORS. More advanced than 211, this course completes in one semester the regular program of the second year. The class is conducted mainly in French. Outside readings. Prerequisites: 3 years of High School French, or special proficiency in the language demonstrated to the instructor.

III, 3. Mr. Felt.

310. EIGHTEENTH CENTURY LITERATURE. Lesage, Saint-Pierre, Voltaire, Rousseau, and leading playwrights are considered in the light of their linguistic and literary qualities. Outside readings. This course is recommended as a background to course 311. Prerequisites: course 212, or 221.

III, 3. Mr. Felt.

311. NINETEENTH CENTURY THEATRE. Outstanding dramas of the nineteenth century, as types of literary tendencies; versification and dramatic technique; outside readings, with reports. Prerequisites: courses 212 or 221.

IV, 3. Mrs. Skinner.

312. NINETEENTH CENTURY PROSE AND POETRY. Extensive reading of typical works, with attention to linguistic and literary qualities; outside readings, reviews, and themes. Prerequisites: courses 310 or 311.

IV, 3. Mrs. Skinner.

313-314. CONVERSATION. A language course for students studying French literature and desiring to develop their oral capacities concurrently; phonograph records and student recordings to improve pronunciation and intonation; some composition the first semester.

III, 2.

411. THE CLASSIC FRENCH DRAMA—MOLIERE. The most characteristic of Moliere's plays studied in relation to their political and social backgrounds. Reports on outside readings. Prerequisite: French 312.

III, 3. Mr. Odebrecht.

412. SURVEY OF FRENCH LITERATURE. From the Middle Age period to the Seventeenth Century. Readings and lectures. Semester reports.

III, 3. Mr. Odebrecht.

414. POETRY OF FRENCH ROMANTICISM. Special reference to Hugo, Lamartine, and de Musset; lectures and readings; reports and reviews by students. Prerequisite: course 411. Alternates with course 416. Offered in 1939-40.

I, 3. Mr. Odebrecht.

416. ADVANCED FRENCH GRAMMAR AND WRITING. A comprehensive study of French grammar and syntax, with thorough practice in writing French. Alternates with course 414. Not offered in 1939-40.

I, 3. Mr. Odebrecht.

102. **HISPANIC AMERICA.** Study of Hispanic American cultures and character, especially as expressed in literature, to be studied in translation, supplemented by descriptive material. It is recommended, not required, that Spanish 101 be taken first. III, 3. Mr. Amner.

111. **INTRODUCTORY SPANISH LANGUAGE.** Careful study and practise of pronunciation, supplemented by records; basic words and idioms in narration etc.; basic grammar observed incidentally preparatory to its study in the following course. For beginning students with little language experience. II, IV, 4.

112. **ELEMENTARY SPANISH GRAMMAR.** Rapid study, suitable in difficulty for students who have had Spanish 111, or a year of H. S. Spanish, or adequate training in other languages. Intensive reading with exercises; graded collateral reading; laboratory type work with records and radio. II, IV, 4.

211. **INTERMEDIATE READING.** Spanish of moderate difficulty, selected for its literary and cultural significance. Oral and written practise. Laboratory type work with records and radio. Periodical literature. Prerequisite, Spanish 111-112 or two years of high school Spanish. I, 3.

212. **SPANISH MASTERPIECES.** Readings of suitable difficulty selected so as to acquaint the student with fundamentals of Spanish literature. Continued linguistic training. Prerequisite, Spanish 211 or equivalent. I, 3.

213-214. **COMPOSITION AND CONVERSATION.** To accompany Spanish 211-212, forming a well rounded five hour course. I, 2.

313-314. **CONVERSATION.** Prerequisite, Spanish 212 or equivalent. (Subject to withdrawal). Monday, VI, 1. Mr. Amner.

315. **NOVEL SURVEY.** Prerequisite, course 212 or equivalent. Alternates with course 323. Offered in 1939-1940. IV, 3. Mr. Amner.

316. **DRAMA SURVEY.** Prerequisite, course 212 or equivalent. Alternates with course 322. Offered in 1939-1940. IV, 3. Mr. Amner.

322. **ADVANCED COMPOSITION, PHONETICS.** Systematic review and discussion of Spanish grammar with practise in set and free composition; introduction to Spanish phonetics. Prerequisite, Spanish 212 or equivalent. Alternates with course 316. Not offered in 1939-1940. IV, 3. Mr. Wiley.

323. **SPANISH AMERICAN LITERATURE.** A background course in History or in Spanish 102 is especially recommended. Prerequisite, Spanish 212 or equivalent. Alternates with Spanish 315. Not offered in 1939-1940. IV, 3. Mr. Amner.

MUSIC

MR. ESCHMAN, MR. STARK, MR. HUFF

Any class-course in the Department of Music may be elected by college students without additional charge. Private lessons in Organ, Piano, Violin, Violoncello, or Voice may be elected by any college student upon payment of \$15.00 for each hour of semester-credit involving one lesson a week and the necessary practice. Beginning in September 1939 there will be no charge for the use of practice instruments or for class-courses in Music to those paying full college tuition. For charges to special students not enrolled in college courses, see Page 110 of this catalog and the Conservatory Bulletin.

Music may be chosen as a major under the A.B. degree for a total of 40 hours (including 4 hours in Ensemble Music). For the courses leading to the degree of Bachelor of Music in which 60 hours of credit may be secured in Music; consult the Conservatory Bulletin.

101. APPRECIATION OF MUSIC. Primarily for college students. A course in the development of musical appreciation, without prerequisites. (This course is repeated in the second semester IV, 2, Mr. Stark 3.)

VII, 2. Mr. Eschman.

102. MODERN MUSIC. A course in contemporary music. Prerequisite Music 101 (This course is repeated in the first semester IV, 2. Mr. Stark).

VII, 2. Mr. Eschman.

103-104. CHORUS, ORCHESTRA, BAND OR ENSEMBLE TRAINING, hours to be arranged. Three hours are required for one hour of college credit each semester. One of the hours must be in Chorus, Orchestra, Band, or Chapel Choir; the other hours are elective ensemble music.

Hrs. Arr., 1. Mr. Eschman, Mr. Gelfer and others.

111-112. ELEMENTARY HARMONY. No prerequisites. This is the beginning technical course in the department.

I, IV, 2. Mr. Eschman and assistants.

113-114. SOLFEGGIO. A course in ear training and musical dictation. 4 days, VI, 2. Mr. Huff.

201. HISTORY OF MUSIC TO THE EIGHTEENTH CENTURY. Alternates with course 311. Offered in 1939-40. VI, 3. Mr. Eschman.



CORRECTION!!!

The previous document(s) may
have been filmed incorrectly...

Reshoot follows

GERMAN

111-112. **ESSENTIALS OF GERMAN.** A beginning course for the basic knowledge of the language. Pronunciation, grammatical forms, syntax; elementary reading, writing and oral drill. In the second semester about 200 pages of easy narrative prose, also poems and songs, are read.

I and IV. 4.

211. **GERMAN SHORT STORIES.** Prose of intermediate difficulty. Reading, speaking and translating German are developed by daily practice. A good knowledge of grammatical forms and of syntax is presupposed. Students who need a review of grammar and syntax should register for course 213-14. Prerequisites, courses 111-112 or 2 years of German in secondary school.

I and III. 3.

212. **THE WEIMAR POETS.** Introductory study of the classical period of German literature. Schiller's *Lied von der Glocke* and other lyrics. *Wilhelm Tell*. Goethe's *Hermann and Dorothea*. Prerequisite, course 211.

II and III. 3.

213-214. **GERMAN CONVERSATION AND COMPOSITION.** A two-hour course to accompany courses 211 and 212, for those who desire a review of grammar and syntax and more practice in oral and written discourse; may also be taken independently of course 211-212; required for students whose major subject is German, unless proficiency is already proven; may be taken either semester or both. Prerequisite, 1 year of German in college or 2 years in high school.

III. 2.

215-216. **SCIENTIFIC GERMAN LITERATURE.** Chiefly for students majoring in science, who desire to familiarize themselves with the involved style and phraseology of scientific writings; reading and translation are stressed. Prerequisites, course 211 and one year of college science; course is also open to students who are currently enrolled in course 211-212. Not open to freshmen. Alternate course. Offered in 1939-40.

II, 2. Mr. Skipp.

311. **GERMAN CLASSICS.** Special regard to Lessing and Schiller and the classical German drama; critical reading of significant works; lectures, reports on extra readings. Prerequisite, course 211-212, 214, or 216, or 3 years of German in high school. Alternates with course 315. Not offered in 1939-40.

I, 3. Mr. Skipp.

312. **GOETHE'S WORKS.** Personality of the poet as revealed in his works; *Dichtung and Wahrheit*, lyrics; dramas, including *Gotz von Berlichingen*, *Egmont*, *Tphigenie*, *Tasso* and concluding with *Faust*, Part I and leading passages from Part II. Prerequisites, course 211-212, 311, or 315, or at the discretion of instructor. Alternates with course 316. Not offered in 1939-40.

I, 3. Mr. Skipp.

315. MODERN GERMAN PROSE. German prose since 1830. Also recent literary movements considered in the works of Hauptmann, Sudermann, Schnitzler, Thomas Mann, and other leading writers. Alternates with course 311, with same prerequisites. Offered in 1939-40. I, 3. Mr. Skipp.

316. MODERN GERMAN DRAMA. German drama since Schiller, as represented by Kleist, Grillparzer, Hebbel, Hauptmann, Sudermann, and others. Alternates with course 312, with same prerequisites. Offered in 1939-40. I, 3. Mr. Skipp.

415. SURVEY OF GERMAN LITERATURE. The chief literary monuments are examined beginning with earliest times and extending down to 1700. Special emphasis on the Middle Ages' court and popular epics, the Minnesingers and the Mastersingers. *Parsival* and *Tristan*, the *Nibelungenlied* and the *Gudrunlied*, (basis of Wagner's music-dramas), will be read in modern German. Prerequisites, any 300-course or any two 200-courses, including 211-12. Alternates with German 215. Not given in 1939-40. II, 2. Mr. Skipp.

416. SURVEY OF GERMAN LITERATURE. Continues German 415. From 1700 down to the present. Rationalism: age of Frederick the Great and French influence. Leaders of the classical period—*Sturm und Drang*, Napoleonic era, Poets of Freedom. Romanticism. Drama and novel in the 19th century. The World War to the present. Prerequisites, same as for 415. Alternates with German 216. Not given in 1939-40. II, 2. Mr. Skipp.

ITALIAN

311-312. INTRODUCTORY COURSE IN PRONUNCIATION, GRAMMAR AND READING. Grandgent and Wilkins' Italian Grammar or Russo's Elementary Italian Grammar. Short stories and plays. Prerequisite: a minimum of one year of Spanish or French. IV, 4. Mr. Odebrecht.

SPANISH

NOTE: It is urged that all students beyond the first year become subscribers to a suitable periodical from a Spanish speaking country. Subscriptions may be arranged by the student, or can be secured through the instructors. It is recommended that students of Spanish register for the course in Hispanic-American History, and for the Spanish 101 and 102 listed below.

101. SPANISH CIVILIZATION. Study of Spanish culture and character, especially as found expressed in Spanish literature, studied in translation. Ability to read Spanish not required. The course material is highly desirable as background for Spanish language courses. III, 3. Mr. Amner.

102. **HISPANIC AMERICA.** Study of Hispanic American cultures and character, especially as expressed in literature, to be studied in translation, supplemented by descriptive material. It is recommended, not required, that Spanish 101 be taken first. II, 3. Mr. Amner.

111. **INTRODUCTORY SPANISH LANGUAGE.** Careful study and practise of pronunciation, supplemented by records; basic words and idioms in narration etc.; basic grammar observed incidentally preparatory to its study in the following course. For beginning students with little language experience. II, IV, 4.

112. **ELEMENTARY SPANISH GRAMMAR.** Rapid study, suitable in difficulty for students who have had Spanish 111, or a year of H. S. Spanish, or adequate training in other languages. Intensive reading with exercises; graded collateral reading; laboratory type work with records and radio. II, IV, 4.

211. **INTERMEDIATE READING.** Spanish of moderate difficulty, selected for its literary and cultural significance. Oral and written practise. Laboratory type work with records and radio. Periodical literature. Prerequisite, Spanish 111-112 or two years of high school Spanish. I, 3.

212. **SPANISH MASTERPIECES.** Readings of suitable difficulty selected so as to acquaint the student with fundamentals of Spanish literature. Continued linguistic training. Prerequisite, Spanish 211 or equivalent. I, 3.

213-214. **COMPOSITION AND CONVERSATION.** To accompany Spanish 211-212, forming a well rounded five hour course. I, 2.

313-314. **CONVERSATION.** Prerequisite, Spanish 212 or equivalent. (Subject to withdrawal). Monday, VI, 1. Mr. Amner.

315. **NOVEL SURVEY.** Prerequisite, course 212 or equivalent. Alternates with course 323. Offered in 1939-1940. IV, 3. Mr. Amner.

316. **DRAMA SURVEY.** Prerequisite, course 212 or equivalent. Alternates with course 322. Offered in 1939-1940. IV, 3. Mr. Amner.

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MR. ESCHMAN, MR. STARK, MR. HUFF

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VII, 2. Mr. Eschman.

102. MODERN MUSIC. A course in contemporary music. Prerequisite Music 101 (This course is repeated in the first semester IV, 2. Mr. Stark).

VII, 2. Mr. Eschman.

103-104. CHORUS, ORCHESTRA, BAND OR ENSEMBLE TRAINING, hours to be arranged. Three hours are required for one hour of college credit each semester. One of the hours must be in Chorus, Orchestra, Band, or Chapel Choir; the other hours are elective ensemble music.

Hrs. Arr., 1. Mr. Eschman, Mr. Gelfer and others.

111-112. ELEMENTARY HARMONY. No prerequisites. This is the beginning technical course in the department.

I, IV, 2. Mr. Eschman and assistants.

113-114. SOLFEGGIO. A course in ear training and musical dictation. 4 days, VI, 2. Mr. Huff.

201. HISTORY OF MUSIC TO THE EIGHTEENTH CENTURY. Alternates with course 311. Offered in 1939-40.

VI, 3. Mr. Eschman.

202. HISTORY OF MUSIC FROM THE EIGHTEENTH CENTURY TO THE PRESENT TIME. A continuation of course 201, but may be elected separately. Alternates with course 312. Offered in 1939-40. VI, 3. Mr. Eschman.

203-204. SECOND YEAR OF CHORUS, ORCHESTRA, BAND, OR ENSEMBLE TRAINING. Hrs. Arr. 1. Mr. Eschman, Mr. Gelfer and others.

213-214. SOLFEGGIO. Second year. 4 days, VII, 2. Mr. Huff.

221-222. ADVANCED HARMONY. I. IV, 3. Mr. Eschman and Mr. Stark.

301. TERMINOLOGY AND CONDUCTING. IV, 2. Mr. Huff.

302. ORCHESTRATION. IV, 2. Mr. Huff.

In 1939-40, first semester, Music 302, Orchestration, will be offered. In 1940-41, first semester, Music 301, Terminology and Conducting will be given. These courses are offered in alternate years.

311-312. MUSICAL FORM. Alternates with 201-202. Not offered in 1939-40. III, 2. Mr. Eschman.

PUBLIC SCHOOL MUSIC METHODS. (See Education 313-314).

331-332. COUNTERPOINT. III, 3. Mr. Stark.

PRACTICE TEACHING. See Education 415-416. Hours to be arranged

441-442. COMPOSITION. II, 2. Mr. Eschman.

ORGAN, PIANO, VIOLIN, VIOLONCELLO AND VOICE

Mr. Stark, Miss Haury, Mr. Beyer, Mr. Gelfer, Mr. Wells, Mr. Kellogg

Credit in Applied Music to a total of eight semester hours may be secured toward the A.B. degree by majors in any department. Majors in Applied Music may elect 16 hours in Applied Music. One credit given for one lesson a week and one hour practice a day. Two credits are given for two lessons a week and two hours practice daily. The former will be given the name of the subject: Piano, etc., and the numbers 111-112, 211-212, 311-312, 411-412 depending upon the year of study. The two hour credit courses will be numbered: 121, 122, 221, 222, etc.

VOICE 101-2. CLASS LESSONS IN VOICE. Hours to be arranged.

1. Mr. Kellogg.

Fine Arts 201. "Introduction to Forms of the Fine Arts." A fundamentals course designed for those students who have had no special training in music, drama and the space arts. The basic forms and the elementary principles will be explained by lecture and example with the objective of increasing the student's appreciation of these arts. First semester open only to upperclassmen; second semester open to freshmen and upperclassmen. Enrollment limited to 40 students each semester.

3 hours, III. Professors Eschman, Horace King, E. A. Wright.

PHILOSOPHY

MR. TITUS, MR. WARD

A major in philosophy requires twenty-four semester hours.

223. REFLECTIVE THINKING. A study is made of the principles and problems of clear and accurate thinking, including deductive logic and scientific method. Open to sophomores, juniors and seniors.

First semester at IV, Second semester at III, 3.

224. PROBLEMS OF PHILOSOPHY. An introductory survey of the field of philosophy, including an examination of the relation between science and philosophy and a topical study of some present-day problems in the light of modern knowledge. Open to sophomores, juniors, and seniors.

First semester at III, Second semester at IV, 3.

321. PROBLEMS OF CONDUCT. A study of the origin, development, and nature of morality. Special emphasis will be given to present-day problems of personal and social morality. Open to sophomores, juniors, and seniors.

I, II, 3.

326. MODERN SOCIAL PHILOSOPHIES. A study of the social philosophy underlying the present social order and an examination of socialism, communism, fascism, and the cooperative movement. Open to sophomores, juniors, and seniors.

I, II, 3.

331. HISTORY OF PHILOSOPHY—ANCIENT AND MEDIEVAL. A study of the development of philosophy among the Greeks and during the early Christian and Medieval periods. Open to seniors, juniors and sophomores by permission only.

I, 3.

332. HISTORY OF PHILOSOPHY—MODERN. The development of modern philosophy from the medieval period to contemporary movements of thought. The important thinkers of the period are studied both for their contribution to technical philosophy and for their role in shaping the modern mind. Open to seniors and juniors.

I, 3.

431. CONTEMPORARY THOUGHT. A seminar to consider some of the main trends of modern thought, and to study a few of the great modern system of philosophy. Reports and discussion in one two-hour period, Wednesday, VI-VII, and conference periods. Admission by consent of instructor.

3.

432. PHILOSOPHY OF RELIGION. A seminar to study the origin, development, and nature of religion, the types of religious philosophy, and some of the main problems of religion. Admission by consent of instructor. Wednesday VI-VII and conference periods.

3.

PHYSICAL EDUCATION FOR MEN

MR. LIVINGSTON, MR. JENKINS, MR. ROGERS, MR. TEMERARIO

Credit amounting to 4 hours in this department is a prerequisite of graduation. This is met by the required courses of the freshman and sophomore years. A major sequence (40 hours) includes Zoology 201-2 (physiology and anatomy).

Students completing all the courses are qualified for positions as supervisors and special teachers of health and physical education in high schools, providing they have the necessary credits in Education. A minor requires 22 hours of credit, but this includes 4 hours of credit which is the University requirement. Students preparing for such work are encouraged to include in their courses 8 hours of biological and physical science and 8 hours of social science. The minimum requirements in Education are stipulated by the state department of education for all high school teachers.

Required Courses

111. FOR FRESHMEN. The work is based on a thorough physical examination and strength tests given at the beginning of the entering semester for the purpose of classifying the student. Courses in Corrective Gymnastics, Rhythmics, Beginning Swimming, Individual Athletics, Tumbling Stunts, and Sports are open to freshmen only. A final examination is given in each course. Those who fail must repeat the course or elect another in its place. Students cannot receive duplicate credit in any course. Students assigned to Corrective Gymnastics may take this course for one, two, three or four semesters.

Three hours, arranged, 1.

112. FOR FRESHMEN. Continuation of 111. Three hours, arranged, 1.

201. HYGIENE. Recommended for Sophomores. Open to election separately, maximum credit 3 hours.

A. PHYSICAL HYGIENE. 1 credit.

Taught by Department of Physical Education.

B. SEX HYGIENE. 1 credit.

Taught by College Physician.

C. MENTAL HYGIENE. 1 credit.

Taught by Psychology Department.

All hours to be arranged.

211. FOR SOPHOMORES. Courses changed to Corrective Gymnastics, Rhythmics, Advanced Swimming, Boxing, Wrestling, Sports and Apparatus Stunts.

Three hours, arranged, 1.

212. FOR SOPHOMORES. Continuation of Course 211.

Three hours, arranged, 1.

Elective Courses

221. THEORY AND PRACTICE OF PHYSICAL EDUCATION. 1. Methods of coaching football. Two lectures and two laboratory periods per week. Prerequisites, courses 211-212. III, 2. Mr. Rogers.

222. THEORY AND PRACTICE OF PHYSICAL EDUCATION. 1. Methods of coaching basketball and methods of officiating. Two lectures and two laboratory periods per week. Prerequisites, courses 211-212. III, 2. Mr. Rogers.

223. THEORY AND PRACTICE OF PHYSICAL EDUCATION. 1. Methods of coaching speedball, soccer, tennis, wrestling and boxing. Two lectures and two laboratory periods per week. Prerequisites, courses 111-112.

III, 2. Mr. Temerario.

224. THEORY AND PRACTICE OF PHYSICAL EDUCATION. 1. Methods of coaching baseball and track. Two lectures and two laboratory periods per week. Prerequisites, courses 111-112.

III, 2. Mr. Temerario.

235-6. PRINCIPLES, ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. Methods in various types of institutions and study of motor efficiency tests.

VI, 2. Mr. Jenkins.

311-312. THEORY AND PRACTICE OF PHYSICAL EDUCATION. II. Methods of directing other activities than athletics, such as: games, stunts, gymnastics, apparatus, tumbling, Rhythmics. Prerequisites, Psychology 211, 321, Education 211 and 3 other hours. Counts also as Education credit. Two lectures and two laboratory periods per week.

I, 3. Mr. Jenkins.

316. THEORY AND PRACTICE OF PHYSICAL EDUCATION. III. Function and organization of play and playground; lectures on the meaning of play, characteristic of different age groups; classification and organization of play activities suitable for each age period; games of low organization for school playground. Two lectures and two laboratory periods per week.

II, 4. Mr. Jenkins.

317. RECREATION LEADERSHIP. The study of the social aspects of leisure and recreation and the importance of social relations and processes in leisure and recreation. This course is designed for the recreation leader so that he will have a clear understanding of the problems. Prerequisites, Sociology 319.

II, 2. Mr. Jenkins.

343. PERSONAL AND GENERAL HYGIENE, INCLUDING ATHLETIC TRAINING. Lectures, discussions, and readings dealing with the field of personal and public health. Prerequisites, Physical Education 111-112.

VI, 4. Mr. Livingston.

433. THE TEACHING OF HEALTH AND SCHOOL HEALTH PROBLEMS. A course to prepare teachers of health and physical education to take an active part in the promotion of health instruction and health service in public schools. Counts also as Education credit. Prerequisites, Zoology 201; Psychology, 6 hours; Education, 6 hours. VI, 4. Mr. Livingston.

441. APPLIED ANATOMY. PHYSIOLOGY OF EXERCISE AND KINESIOLOGY. A study of the principal types of muscular exercise, with inquiry as to how they are performed, how they react on the body and their relation to the problems of bodily development, bodily efficiency, and the prevention and cure of certain defects and deformities. Two lectures and two laboratory periods per week. Prerequisites, Zoology 201. II, 3. Mr. Livingston.

442. NORMAL DIAGNOSIS AND INDIVIDUAL CORRECTIVE GYMNASTICS. Study of the cause of postural defects and their treatment and exercise and other means, together with the methods of administering the work of correction. Two lectures and two laboratory periods per week. Prerequisites, Zoology 201. Physical Education 441. II, 3. Mr. Livingston.

PHYSICAL EDUCATION FOR WOMEN

MISS BARR, MISS BADENOCH, MISS HOUSTON

Physical education is required of all freshmen and sophomores three periods per week, each course earning one credit hour per semester. Any application for exemption from the requirement must be made through the office of the Registrar. A uniform gymnasium suit is required and should be purchased in the fall in Granville: cost about \$5.

A complete physical and medical examination is given to each freshman student at the opening of each college year by the University Health Service and this department. Classification tests include the following, administered as soon as possible after the fall registration: tests for motor ability, athletic achievement, rhythmic achievement, and strength. While no rigid system of registration according to ability and achievement has as yet been enforced, every effort is being made to work in the direction of an intelligent registration directly in line with student needs and interests.

Required Courses

111-112. **FOR FRESHMEN.** Three hours of work throughout the year. One hour in the Fundamentals of Physical Education and Health, and two hours from the following activities: archery, baseball, folk and tap dancing, the modern dance, golf, hockey, horseback riding, tennis, track and field, swimming, volleyball, winter sports, apparatus and tumbling.

Three hours, arranged, 1 each semester.

211-212. **FOR SOPHOMORES.** Three hours of work throughout the year. One hour in Outing activities and Indoor Recreational Games. In addition to this, free election from activities as listed above with emphasis on advanced work.

Three hours, arranged, 1 each semester.

Majors or minors in the department may receive 2 hours of credit each in courses 211 and 212 by taking twice the amount of work subject to the approval of the department.

Elective Courses

The advanced courses are offered for the benefit of those students who desire to become teachers of physical education, or to combine such activity with the teaching of academic subjects. They are also arranged to meet the needs of those who desire familiarity with the problems of physical education as a part of their equipment for community recreation, Girl Scout work, camp leadership, and other modern leisure time agencies.

To qualify as full-time teachers of physical education in high schools, students must complete the following courses for 40 hours of credit, including certain science requirements stated below as prerequisites. A minor in this department requires 22 hours of credit but this includes 4 hours of credit for 211-212 which is a general university requirement. Therefore, in addition to general requirements, the minor demands 18 hours of work.

Zoology 111-112, 211-212 are science prerequisites for all majors. Zoology 111-112 is recommended, but not required for minors.

For majors in the department there are three courses listed immediately below. These are preferably taken in sequence in the sophomore, junior, and senior years. In order to complete the requirements of the State of Ohio minors must take the first two of these blocks of courses.

I. PHYSICAL EDUCATION BASIC SUBJECT MATTER. 11 hours of credit, 6 during the first semester, and 5 during the second. Includes courses 201, 211, 212, 222, and 415.

M., T., W., and Th. II. Staff.

201. HYGIENE. Recommended for Sophomores. Open to election separately, maximum credit, 4 hours.

A. GENERAL HYGIENE. A consideration of the knowledge and technique essential to the promotion of positive health as a factor in complete living.

II, 2. Miss Badenoch.

B. SEX HYGIENE.

Taught by College Physician. 1.

C. MENTAL HYGIENE.

Taught by Department of Psychology. 1.

Hours for 201 B and 201 C to be arranged.

211-212. ACTIVITY. Described above.

222. THE ORGANIZATION OF PLAY. Described below.

415. SCHOOL HEALTH PROBLEMS. A study of health education; its needs and place in the curriculum. Problems of environmental hygiene and school health service. Elementary first aid. Prerequisite, 201.

M. & W. II, 2. Miss Houston.

II. METHODS OF TEACHING PHYSICAL EDUCATION. 13 hours of credit, 7 during the first semester, and 6 during the second. Includes courses 321, 322, 323, 325, 326, 416.

Every day, II Wed. & F. IV. Staff.

321-322. SPORTS' TECHNIQUE. The rules, techniques, and strategy of archery, baseball, basketball, field hockey, field and track, soccer, speedball, swimming, tennis, and volleyball. The conduct of tournaments and meets. Practice teaching. Prerequisites, 111-112, 211-212.

II, 2. Staff.

323. ELEMENTARY RHYTHMICS. Described below.

325-326. THEORY AND PRACTICE OF TEACHING PHYSICAL EDUCATION. A study of the educational principles underlying the teaching of Physical Education. The historical development of method. Variations in method for the different sorts of activities. The characteristics of good method. A study of systems of gymnastics and the recent attempts to modify them. The influence of American innovations on the study of the fundamentals of bodily movement. Practice teaching within the class. Counts toward Education credit. Prerequisites, 111-112, 211-212, Education 211 and 3 other hours, Psychology 211 and 321.

IV, 2. Miss Barr.

416. THE TEACHING OF HEALTH EDUCATION. Methods of handling the teaching problems of health instruction. Health education programs and materials. Counts toward Education credit. Prerequisites, 415, Education 211 and 3 other hours, Psychology 211, 321.

M. & W. II, 2. Miss Houston.

III. PHYSICAL EDUCATION ADVANCED SUBJECT MATTER. 16 hours of credit, 8 to be taken each semester. Includes courses 214, 324, 327, 331, 411, and 414.

Every day III, Mon. & Wed. VI. Staff.

214. THE NATURE AND FUNCTION OF PLAY. History of play. Theories as to the nature of play with particular emphasis on the interpretations of modern psychology. The place of play in education, in recreation. Its contribution to American culture. Prerequisites, Senior standing in the department.

VI. 2. Miss Barr.

324. THE PLACE OF DANCE IN AESTHETICS. Described below.

327. KINESIOLOGY. A study of bodily movement. Possibilities for movement in the various joints and the action of muscle groups in producing the movements ordinarily used in physical education activities. Prerequisites, Zoology 211-212. Recommended, Chemistry 111-112. III, 2. Miss Houston.

331. PHYSIOLOGY OF ACTIVITY. A study of the physiological effects of exercise treated entirely from the point of view of the physical education specialist. Non-laboratory course. Prerequisites, Zoology 111-112, 211-212; Chemistry strongly recommended; Physics advised.

M., W., and Th. VI. 3. Miss Barr.

411. RECONSTRUCTIVE PHYSICAL EDUCATION. Lectures, discussions, and practice dealing with postural defects and the application of exercise in the treatment of functional and organic abnormalities of girls and women. A discussion of the physical examination and methods used in the diagnosis of physical defects. Prerequisites, 201 and 327, Zoology 211-212.

III, 3. Miss Houston.

414. PRINCIPLES, ORGANIZATION, AND ADMINISTRATION OF PHYSICAL EDUCATION. The place of physical education within the field of general education; its relation to the science of education and a philosophy of living. The principles of education through physical education. A consideration of the problems of organization and administration in elementary and secondary schools and colleges. Lectures, discussions, and readings leading up to the conduct of the senior comprehensive examination. Prerequisites, Senior standing in the department.

M., T., and Th. III, and 1 hr. arr., 4. Miss Barr.

There are several units within the above courses which the general student may find applicable to certain types of interests. These may be elected for hours of credit as follows:

222. ORGANIZATION OF PLAY. The modern community recreation movement with special emphasis on the study of the playground and its activities. A thorough consideration of game material for all age groups. Practice teaching. Readings dealing with the educational significance of the summer camp and its program of activities. Prerequisites, 111-112.

II, 3. Miss Barr.

323. **ELEMENTARY RHYTHMICS.** A course in the analysis of rhythmic form and its relation to the dance. Dramatic and singing games suitable for use in the primary and elementary grades; folk dances suitable for similar use. Discussion on the value of rhythmic activities and folk dancing as educational forces, and methods of presenting rhythmic material. Prerequisites, 111-112, 211-212. II, 3. Miss Badenoch.

324. **THE PLACE OF DANCE IN AESTHETICS.** Lectures, discussions, and readings dealing with the philosophy of aesthetics and the relation of dance to the other arts. A consideration of the effect of color, line, and mass. The organization of pageants and dance dramas. Prerequisites, 111-112, 211-212. T. & Th. III, 2. Miss Badenoch.

351. **RECREATIONAL LEADERSHIP.** The history of organized recreation in the United States. Its present significance. The fundamentals of the program. The principles governing group activity. A study of the art of leadership with particular emphasis on its use in recreation. Experience in making recreational surveys. Offered in alternate years, but not in 1939-40. III, 3. Miss Barr.

PHYSICS

MR. SMITH, MR. HOWE

The major sequence in Physics consists of courses 111-112, 211-212, with twelve additional hours in Physics in courses numbered higher than 300. Students preparing for graduate work should elect courses 311 and 313, and 312 and 314. Engineering students will find 431 and 432 very useful. The sequence 111-112 with 113-114 will satisfy the Physics requirements for medical and dental students.

111. **GENERAL PHYSICS.** Lecture demonstrations and recitations covering the more important principles of mechanics and heat. Prerequisite, one year of high school physics. Mathematics 121 or 115 should accompany or precede this course. I, VI, 3.

112. **GENERAL PHYSICS.** A continuation of course 111; electricity, magnetism, light, wave motion and sound. Prerequisites, course 111 and Mathematics 121 or 115.

113-114. **GENERAL PHYSICS.** Laboratory courses paralleling the work of courses 111-112. Elective for students who are registered in course 111-112 and desire a less extensive laboratory training than is offered in course 211-212. I-II, III-IV or VI-VII, 2.

211. **LABORATORY PHYSICS.** The essentials of mechanics, molecular physics and heat. Prerequisites, course 111-112 and Freshman Mathematics. III-IV or VI-VII, 3.

212. **LABORATORY PHYSICS.** The more fundamental experiments in sound, light, magnetism and electricity. Prerequisites, course 111-112 and Freshman Mathematics. III-IV or VI-VII, 3.

311. **ELECTRICAL MEASUREMENTS.** An intermediate laboratory course in electrical measurements. Physics 313 is the theoretical course covering the same field. Prerequisites, courses 111-112, 211-212 and the calculus. VI-VII, 3.

312. **LIGHT.** An intermediate laboratory course in light, consisting of measurements in lens systems, diffraction and interference. Physics 314 is the recitation course which normally goes with this laboratory. Prerequisites, courses 111-112, 211-212 and the calculus. VI-VII, 3.

313. **MAGNETISM AND ELECTRICITY.** This course is an introduction to the subject of magnetism and electricity, and is intended to be a foundation for any work in this field. The laboratory course, Physics 311, should be taken with this course. Prerequisites, course 111-112, 211-212 and the calculus. Alternate course, offered in 1939-40. III, 3.

314. **THEORY OF LIGHT.** This course is an introduction to the study of geometrical and physical optics. Physics 312 is the corresponding laboratory course. Prerequisites, course 111-112, 211-212 and the calculus. Alternate course; offered in 1939-40. III, 3.

333. **KINETIC THEORY.** A lecture course presenting the kinetic theory and elementary thermodynamics. Prerequisites, course 111-112, 211-212 and the calculus. Alternate course. Not offered in 1939-40. III, 3.

334. **ELECTRON THEORY.** A lecture course on the electron theory presenting the current ideas regarding the structure of the atom. Prerequisites, course 111-112, 211-212 and the calculus. Alternate course. Not offered in 1939-40. III, 3.

344. **RADIO, TELEGRAPH AND TELEPHONE.** Laboratory work and lectures treating the fundamental principles underlying modern wireless telegraph and telephone circuits. Prerequisites, course 111-112. I, 3.

431-432. **ELEMENTS OF ELECTRICAL ENGINEERING.** A lecture and laboratory course presenting the general theory of direct and alternating current circuits and their application to direct and alternating current machinery. Prerequisites, course 111-112, 211-212 and the calculus.

W. & F. III, with one 4-hour laboratory period, 4.

441-442. **ADVANCED LABORATORY AND SPECIAL PROBLEMS.** Adequately prepared students may, with the advice and approval of the department, register for this course which will consist of advanced work in the laboratory or some special problem. In each case the interest of the student will be respected. This course will be limited to seniors who are majors in the department and who have satisfied the department that their graduation requirements will be fulfilled. Hours for work and for conference will be arranged in each case. The student may register for two or three hours of this work.

Arr., 2 or 3.

PSYCHOLOGY

MR. LEWIS, MISS RICE

A major in Psychology will include the courses registered in the department (with the exception of 101, and also of 321 when recommended by head of department) and a sufficient number of additional semester hours to bring the number up to twenty-four: these supplementary hours to be selected from the following courses: Zoology 201, 225-226, Sociology 319, Philosophy 224, 321 or 331-332.

101. **FRESHMAN ORIENTATION.** An introductory psychological consideration of many of the problems facing the freshman in his adjustment to college life. Discussions of motives of coming to college and attitude toward college life and its opportunities will be followed by a consideration of the social, emotional and intellectual hurdles to be overcome by the successful student before he can hope to obtain full value for his college course. Open only to Freshmen, usually upon the advice of the deans or the freshman councillors.

I, III, 2. Miss Spacht.

201. **MENTAL HYGIENE.** A discussion of such types of mal-adjustment as rationalization, negativism, worry and anxiety, compensation, phobias, hysteria, and egocentrism; including the matter of origin, and the question of prevention and cure.

Thursday, II.

211. **GENERAL PSYCHOLOGY.** An introductory consideration of mental activity in its various aspects, the conditions that account for its appearance and growth, and the ends that it serves as sensory discrimination, thinking, habit, etc. Repeated the second semester at I, II.

I, II, II, IV, 3.

215. **EXPERIMENTAL PSYCHOLOGY.** A fundamental grounding in laboratory technique and means of investigating the phenomena of human behavior. Prerequisite, course 211 and consent of instructor. Laboratory, Mon.

and Wed., VI-VII or Wed. and Fri., III-IV. Repeated the second semester Wed. and Fri., III-IV. 2.

220. **PSYCHOLOGY IN BUSINESS AND INDUSTRY.** Psychology seen from a practical angle; as a technique, both experimental and statistical, applied in personnel selection and management, in selling and advertising, and in connection with output, individual differences, fatigue, etc. Prerequisite 211. III, 3.

318. **DEVELOPMENTAL PSYCHOLOGY.** A consideration of mental growth emphasizing the significance of the first years of rapid change. Prerequisite, 5 hours of Psychology, or permission of instructor. II, 3.

319. **LATER DEVELOPMENTAL PSYCHOLOGY.** A consideration of the mental development of the individual during the periods of later childhood and adolescence, with the emphasis on the variations in the normal personality which may occur at this period. Prerequisite, course 318. II, 3.

321. **PSYCHOLOGY OF EDUCATION.** An introduction to the fundamentals of educational theory and practice in the light of psychological study and investigation. Prerequisite 211. Repeated the second semester at I, IV. VII, 3.

332. **ADVANCED EXPERIMENTAL PSYCHOLOGY.** Continued laboratory training, especially in problems of individual differences and of learning. Usually accompanies course 342. Prerequisites, course 211 and 215. Laboratory, Mon. and Wed., VI-VII.

342. **PSYCHOLOGICAL TESTS.** A consideration of the forms, uses, and theory of mental testing. Usually accompanied by course 332. Prerequisites, courses 211 and 215. Two further hours of credit may be obtained for this course during the senior year (numbered 344) provided the course here outlined has been completed in the junior year. III, 3.

411. **ABNORMAL PSYCHOLOGY.** A study of deviates; the subnormal and the supernormal and, particularly, the psychopathic. Emphasis will be placed on borderline disorders—hysterias, phobias, and other neurotic ailments, rather than on the insanities. Prerequisite, 5 hours of psychology. VI, 3.

412. **RECENT TENDENCIES IN PSYCHOLOGY.** A survey of "Behaviorism", of Gestalt psychology, and of the more conservative changes recommended by the old-school psychologists; and an attempt to find out some of the consequences that are apt to follow from the psychological pioneering now in progress on many fronts. Prerequisites, 5 hours of psychology. VII, 3.

Note: Mental Hygiene see Department of Physical Education, 201 C.

RELIGION

MR. STEWART

The two-fold aim of the instruction in this department is general religious culture and preparation for efficient Christian service.

The courses may lead vocationally, after further study, to: the ministry, the mission field, church director of religious education, supervisor of week-day church schools, Y. M. C. A. and Y. W. C. A. work, teacher in school or college, specialized forms of service—editorial, secretarial, promotional. The courses also make preparation for the following, though further study is advisable: teacher in week-day church school, pastor's assistant.

111. THE OLD TESTAMENT. The historical background, the development of religious thought, the work and place of the leading characters, the setting of the various books. IV, 3.

112. LIFE AND TEACHINGS OF JESUS. This course forms a logical sequence with course 111, though the two are independent units. A study particularly of the synoptic Gospels for the facts of Jesus' life and the social bearings of his teaching and example. Second semester, IV; both semesters, VI. 3.

115. PRINCIPLES OF RELIGIOUS EDUCATION. The principles, problems, and programs of religious education as carried on by the local church and community. III, 3.

116. THE MODERN CHURCH SCHOOL. A study of the organization, administration, and aims of the Church School, in its Sunday, week-day, and vacation sessions, and its relation to the educational program of the church. III, 3.

205-206. FIELD WORK IN RELIGION. A course dealing with the methods, programs, and aims of such week-end and other field work in religion as may be undertaken by Denison students. Classwork, conferences, and active participation in such work required. Open to freshmen without credit. For others, one hour of credit per semester. Arr., 1.

211. OLD TESTAMENT PROPHETS. A more thorough study of the life and work of the great prophets; the social and political situation in which they lived, the reforms they sought to accomplish, and the permanent contribution they made to religious life and thought. Prerequisite, course 111. VII, 3.

212. **THE EARLY CHURCH.** This course begins with the account of Acts, lays emphasis on the life and work of Paul, and carries the study to the end of the Apostolic Age. Prerequisite, course 112. VII, 3.

217. **THE HISTORY OF RELIGION.** Origin of religion, nature of primitive and classical religions, history of contemporary non-Christian faith. Not offered in 1939-40. II, 3.

218. **PROBLEMS OF RELIGION.** A course that seeks to discover the meaning of religion and its place in human life, in particular to aid in the solution of those religious problems confronted by undergraduate thought. Prerequisite, course 112. Not offered in 1939-40. II, 3.

302. **MISSIONS.** History and development of Christian missions. Geographical, racial, religious influences upon the various peoples. The problems and opportunities in the mission fields. The meaning of the present situation. Not offered in 1939-40. II, 3.

305-306. **SECOND YEAR OF FIELD WORK IN RELIGION.** Not more than four hours of credit in field work may be counted toward graduation. Arr., 1.

311. **METHODS OF TEACHING RELIGION.** A practical study of the principles and methods of pedagogy as applied to the teaching of religious subjects for the development of Christian character. Prerequisite, course 115.

312. **STORY TELLING AND DRAMATIZATION.** Principles of story-telling, selection of stories, compilation of stories and sources of story material, as used in religious instruction. The educational value of the dramatized story, methods of dramatization. Prerequisites, course 115. Not offered in 1939-40. VII, 3.

321. **WORSHIP AND HYMNOLOGY.** The nature and function of worship, the principles of program making for various types of religious worship. The history of the great Christian hymns, and principles of their evaluation. Prerequisite, course 115. Second semester only. II, 3.

SOCIOLOGY

MR. DETWEILER

A major sequence will consist of twenty-four hours of Sociology, course 222 being required. In addition a year of Mathematics, a reading knowledge of a foreign language, and a year of Economics are required of major students.

211. **CRIME AND COMMUNITY.** Open to those above freshman rank. Two sections, Monday, Wednesday, Friday, and Monday, Tuesday, Thursday. VI, 3.

212. **MARRIAGE AND THE FAMILY.** The significance of the family in civilization, problems in society closely related to marriage, practical application to the life of the individual. Prerequisites, Soc. 211 and Hygiene 201 B; the latter may be taken concurrently. Two sections, meeting as above. VI, 3.

222. **SOCIAL INVESTIGATION.** Elementary study of statistical reports; evaluation and collection of social data. Laboratory plan, four clock-hours a week, including Friday either I or II. Prerequisite, Math. 116 or 110. 2.

309. **SOCIAL ANTHROPOLOGY.** Primitive peoples, races of mankind, cultures in various parts of the world, special reference to Africans and American Indians. Not open to freshmen. IV, 4.

312. **RACE PROBLEMS IN THE UNITED STATES.** Immigration; Orientals, Mexicans, Negroes, and other minority groups in the United States. Prerequisite three hours of Sociology. IV, 4.

319. **PSYCHOLOGY OF SOCIETY.** An attempt to see human life as group life and to analyze present-day tendencies and movements as group psychology. Prerequisite, History 111-112 or its equivalent and Psychology 211. I, 4.

412. **THEORY AND METHODS IN SOCIAL WORK.** Prevocational study looking toward social work; public policies concerning relief, unemployment, the public assistance categories of social security; approved methods of dealing with individual cases. Three class periods a week account for three credit hours; at least one additional hour must be earned by field work at the rate of fifty clock hours for one hour of credit. A maximum of credit by field work alone will be three hours. Field work not necessarily done during the semester in which the class is held. Classes Monday, Wednesday, Friday. I, 4, 5, or 6.

SPEECH

MR. CROCKER, MR. WRIGHT

A major in the department of Speech consists of 24 semester hours chosen with advice of instructors.

Courses in Public Speaking

111-112. **ELEMENTS OF SPEECH.** An introduction to the fields of speech activity: interpretation, debating, public speaking, acting. Voice, gesture, platform bearing, platform manners, diction, and other important problems of the one who appears before an audience are considered. Extensive practice and criticism. Students will be expected to give fifteen minutes a week

for personal conferences. Lectures, text, outside reading, and notebook.

II, VI, VII, 3. Mr. Crocker.

219. INTERCOLLEGIATE DEBATING. The questions to be used in the intercollegiate debates will be studied and members of the teams will be chosen from this class. Lectures, briefs of public questions, research, and much practice before the group. Open to all students who wish to debate, both men and women. A total of six hours in debating may be counted toward graduation.

Mon., VI-VII, 2. Mr. Crocker.

220. ARGUMENTATION AND GROUP DISCUSSION. Students will prepare and deliver arguments on controversial subjects. The technique of argumentation will be studied. How to lead and take part in group discussion will be considered.

III, 3. Mr. Crocker.

221. BUSINESS AND PROFESSIONAL SPEAKING. A course in advanced public speaking open only to those who secure permission from the instructor. The course is concerned with the delivery of carefully prepared speeches appropriate to business and professional life. Lectures, papers, readings, and personal conference with the instructor. Prerequisite, Speech 111.

III, 3. Mr. Crocker.

311. THE TEACHING OF SPEECH. History of rhetorical thought, psychology of language, phonetics, the text, collateral reading, the shaping of speech curriculum, the leading of the class hour. Counts also toward Education credit. Prerequisite, Educ. 211 and 3 other hours, Psych. 211, 321.

Wed., VI-VII, 2. Mr. Crocker.

312. RHETORICAL THEORY. Historical and critical survey of the principal theories in regard to speech composition and delivery, from Aristotle to the present time with special emphasis on the classical period. Collateral reading, reports, lectures, papers.

Wed., VI-VII, 2. Mr. Crocker.

Courses in Dramatic Art

213-214. ORAL READING. Intensive work on individual voice and diction problems, coupled with the basic principles of interpreting the intellectual and emotional content of the best literature in essays, narratives (stories and dialects) dramas and poetry. Extensive practice and criticism with public appearances during the latter part of the year. Limited to 18 students.

IV, 3. Mr. Wright.

215-216. INTRODUCTION TO THE THEATRE. A survey course combining theory and practice in the realm of theatre production. Designed to increase the appreciation for the acted play, to give students majoring in other fields a working knowledge of how to produce a play, and as a fundamentals course for all students interested primarily in dramatics. Theatre history, acting, make-up, scene design and construction, lighting and costuming and direction.

Must be taken as a full-year course. Credit not given for one semester only. (Especially recommended to English and history majors who plan to teach).

VI, 3. Mr. Wright.

223-224. THEATRE WORKSHOP. A laboratory course at the theatre. Actual practice in constructing scenery, shifting scenery, stage management, costume construction, lighting, etc. May be elected separately or in conjunction with Speech 215-216. Open only to upperclassmen. It is suggested that Art 321-322 (Technical Problems) be taken with this course.

Arr., 2. Mr. Wright.

227-228. ACTING FOR BEGINNERS. An intensive study of the whole field. Reading assignments and lectures together with actual acting experience in all types of drama. Emphasis on stage principles and traditions, character creation, emotional interpretation and projection. Students in this class favored in casting of all major productions. Speech 213-214 or 215-216 must precede or be taken with this course.

VII, 2. Mr. Wright.

229-230. ADVANCED ACTING. Advanced work in all types of acting, with an emphasis on more classic material. The class will be organized as a repertory company and regular theatrical engagements filled in other communities. (Offered only when at least eight sufficiently talented and experienced students are available). Consent of instructor.

Th. 7-9 P.M., 2. Mr. Wright.

315-316. PLAY DIRECTION. Each student will act as assistant to the director of drama on at least one major production. Each will be responsible for the selection, casting, rehearsing and production of a series of one act plays. Readings in direction and the preparation of a prompt book for a major production are also required. Consent of instructor and at least two previous drama courses are necessary.

VI, 2. Mr. Wright.

Fine Arts 201. "Introduction to Forms of the Fine Arts." A fundamentals course designed for those students who have had no special training in music, drama and the space arts. The basic forms and the elementary principles will be explained by lecture and example with the objective of increasing the student's appreciation of these arts. First semester open only to upperclassmen; second semester open to freshmen and upperclassmen. Enrollment limited to 40 students each semester.

3 hours, III. Professors Eschman, Horace King, E. A. Wright.

ZOOLOGY

MR. LINDSEY, MR. MORGAN

Course 111-112 of the department of Botany may be substituted for Zoology 111-112 as preparation for advanced courses if necessary for the completion of major or pre-professional requirements. The head of the department should be consulted about this substitution. Course 111-112 meets the entrance requirements of medical colleges as a minimum; 211-212 is recommended by all medical colleges in addition, and 224 is recommended by all and required by a few. Majors in this department should be arranged with the professor in charge; a major must include 111-112 or an acceptable equivalent and either 211-212 or 223 and 224.

111-112. ANIMAL BIOLOGY. An introductory course in biology based principally but not exclusively upon animals. Topics considered include the properties of living matter, its organization, and the principles of its reaction to environment. Development of the individual, heredity, and evolution are considered briefly, and the application of all of these materials to human life is studied in reasonable detail. One laboratory exercise per week supplements the class work for all students, and an additional exercise, for a total of four hours credit, is required of major and pre-medical students. The latter exercise is not open to others. Classes Mon., Wed., II; Wed., Fri., IV; or Tue., Th., VI. Laboratory any one of the following two-hour periods: Tue. or Th., I-II; Mon. or Wed., VI-VII. For four hours credit, major and pre-medical students only, Fri. I-II.

3 or 4. Mr. Lindsey, Mr. Morgan.

201-202. ANATOMY AND PHYSIOLOGY. A study of the normal structure and functions of the human body. Text, lectures, and demonstrations. No prerequisites. Classes Mon., Wed., II.

2. Mr. Morgan.

211. COMPARATIVE ANATOMY. A study of the phylum Chordata, based chiefly on their anatomical relations, with brief consideration of classification and habits. Laboratory work consists chiefly of detailed dissections and comparative studies of primitive chordates, the dogfish, an amphibian, and a reptile, with a limited amount of mammalian material. Prerequisite: Zoology 111-112. Classes Tue., Th., III; laboratory Wed., Fri., III-IV.

4. Mr. Morgan.

212. MAMMALIAN ANATOMY. A study of the anatomy of mammals based on the cat, with human material for comparison. Laboratory consists

chiefly of the detailed dissection of the cat. Prerequisite: Zoology 111-112. The course will usually follow 211, but may be taken separately in special cases. Classes Tue., Th., III; laboratory Wed., Fri., III-IV. 4. Mr. Morgan.

223. HISTOLOGY. A study of the minute structure of vertebrates, chiefly mammals. Laboratory includes both the preparation and the study of tissues. Prerequisite: Zoology 111-112. Classes Wed., Fri., III; laboratory Mon., Tue., Th., III-IV. 5. Mr. Lindsey.

224. EMBRYOLOGY. A study of the formation of the germ cells, cleavage, the germ layers, and the development of adult structures in the vertebrates. Laboratory work includes the study of cell behavior and of the developing frog, chick and pig. This course normally follows 223 but may be taken separately. Prerequisite: Zoology 111-112. Classes Mon., Wed., Fri., III; laboratory Tue., Th., III-IV. 5. Mr. Lindsey.

225-226. EVOLUTION AND GENETICS. A study of the relationship of living things and its scientific explanation. The fundamental nature of life, the factors that maintain it in organism, the nature of their interaction, and the mechanism of their perpetuation or modification through successive generations constitute the chief theme of the course. Prerequisite: Zoology 111-112. Upperclassmen with high scholastic standing are admitted without prerequisite on the approval of the instructor. The first semester may not be taken separately for credit, but the second may be taken alone by special arrangement. Classes Tue., Th., II. 2. Mr. Lindsey.

227-228. ENTOMOLOGY. The morphology, classification and economic importance of insects, with methods of control. A brief introductory course. Laboratory work includes a survey of morphology and enough work in the identification of insects to enable the student to recognize the common families. Offered occasionally to selected groups. Not offered in 1939-40. 3. Mr. Lindsey.

The Conservatory of Music

FACULTY

KARL H. ESCHMAN, A.M., F.A.G.O.

Director and Professor of Music

Graduate of Denison University in Piano and Organ; Graduate Student, Harvard University, 1911-12, under Walter R. Spalding and Edward Burlingame Hill; 1912-13, under Hugo Kaun and Piano under Victor Heinze, Berlin; under Erwin Stein and others, University of Vienna, 1929-30. Fellow of the American Guild of Organists.

WILLIAM W. WELLS

Violoncello

Graduate of the Royal Conservatory, Wurzburg. Member of the Cincinnati Symphony and the Philharmonic Symphony; for seven years, under Walter Damrosch in the New York Symphony Orchestra.

SAM GELFER

Violin

Pupil of Henry Schradieck, Theodore Spiering, Alois Trnka and Joseph Achron in Violin and of Frederick B. Stivens and R. H. Miles in Theory.

BRAYTON STARK, A.B., MUS.B., F.A.G.O.

University Organist

Assistant Professor of Music

Organ and Theory

Graduate of the Guilfant Organ School; post graduate work at the Eastman School of Music; theory with T. Tertius Noble, and organ with Joseph Bonnet, organist of the Cathedral of St. Eustache, Paris. Fellow of the American Guild of Organists; director of music at Christ Church, Corning, N. Y.

SUE HAURY

Piano

Graduate of Bethel Academy and the Peabody Conservatory; postgraduate study at the New England Conservatory and the Juilliard Foundation; Instructor at the Maryland School for the Blind and at Occidental College, Los Angeles. Pupil of Alfred Butler, George Boyle, Richard Stevens and Olga Samaroff.

ARTHUR HUFF, A.B., M.A.

Public School Music and Solfeggio

Graduate of Denison, 1928; M.A., Ohio State University, 1938; Teacher of Music at Richmond, Indiana and at Winston-Salem, North Carolina; Director of Music at the Granville Baptist Church and supervisor in the Granville Public Schools.

KING KELLOGG, MUS.B., PH.D.

*Assistant Professor of Music**Voice*

A.B. University of Rochester, 1926; Mus.B. Eastman School of Music, 1930; Ph.D. University of Munich, 1935; Professor of Voice, Albion College, Albion, Michigan, 1930-1933; Soloist at Brick Church, Trinity Methodist Church, North Presbyterian Church of Rochester, N. Y. Soloist with the Rochester Philharmonic Orchestra, and at Ann Arbor, Michigan Festival.

EMIL BEYER

Piano

Concert artist in Germany, Spain and Switzerland; Pupil of George Winkler in piano, organ and Counterpoint and of Telemaque Lambrino, Leipsic.

GENERAL INFORMATION

ACCREDITING

In addition to the information on page 16 concerning the accrediting of the University as a whole, the Denison Conservatory of Music is a Liberal Arts College member of the National Association of Schools of Music.

ENTRANCE REQUIREMENTS

The requirement for entrance to any of the regular four year courses are the same as those for the college. There are no formal entrance requirements for special students in classes and for private instruction, beyond the evidence of ability to profit by the instruction offered. The work of the year is divided into two semesters (see the University Calendar on page 5), and students may best enter the Conservatory at the beginning of a semester, although private lessons may be taken up at any time. No registrations are accepted, however, for less than the remainder of the semester.

REQUIREMENTS FOR GRADUATION

BACHELOR OF MUSIC DEGREE

The Conservatory offers the degree of Bachelor of Music upon the completion of 124 semester hours as outlined on pages 12-13 of the Conservatory Bulletin which can be secured from the Director. Courses 101, 102, 111, 112, 201, 202, 221, 222, 311, 312, 331, 332, 441, and 442 in the Department of Theory are required. In addition two years of Solfeggio (four hours each week), forty-eight semester hours of applied music and four hours of ensemble must be completed. The remaining 32 hours are in college subjects.

BACHELOR OF ARTS WITH MUSIC MAJOR

Students may receive the A.B. degree with a major in theoretical music consisting of 32 hours in Theory, 8 hours in applied Music, 4 hours in Ensemble Music—or the A.B. degree may be

obtained with a major in Applied Music with 24 hours in Theory and 16 hours in Applied Music and 4 hours in Ensemble Music.

PUBLIC SCHOOL MUSIC COURSE

A special course for Supervisors of Music in Public Schools is offered, leading to the degree of Bachelor of Music. The 124 hours of this course are listed on page 16 of the Conservatory Bulletin. They are divided into the following main groups: Liberal Arts 30 hours, Education 24 hours, Theoretical Music 36, Applied Music 24, Physical Education 4 hours, and elective 6 hours. The requirements of this course are fixed by the State Department of Education. Thorough and adequate preparation is supplemented by practice teaching in the public schools. All the work is approved by the State Department and graduates receive the State Certificates without further examination.

DIPLOMAS AND CERTIFICATES

The two degrees, Bachelor of Music and Bachelor of Arts cannot be granted in the same year to any one candidate but a student graduating from college who has majored in music and fulfilled certain other requirements as outlined in the Conservatory Bulletin, is granted a Diploma or Certificate on recommendation of the Conservatory Faculty. Each candidate for the diploma must give a public recital during the senior year. To students substituting a certain amount of work in Normal Training or public school music for the graduating recital and giving promise of aptitude for teaching, a certificate is granted instead of a diploma. Students completing satisfactorily any integral part of the work offered in the various departments of the Conservatory, involving not less than a year's study may obtain an officially signed statement to that effect, together with a copy of the Registrar's record.

MUSIC LIBRARY

The Music Departmental Library of books has been merged with the College Library, which is also in possession of the Car-

negie Set consisting of a Capehart phonograph and hundreds of recordings. There is also a collection of primitive musical instruments of great interest, most of which have been presented by Denison alumni.

RECITALS AND CONCERTS

Student recitals take place frequently throughout the year, and students are expected to attend. All students are under obligation to perform at recitals when so directed by their instructor. Students are not allowed to perform in public without the knowledge and consent of the instructor.

Besides the festivals of the Choral Society and various other concerts, a number of faculty recitals are given during the year, and several artist recitals, most of which are free to Conservatory students.

MUSICAL ORGANIZATIONS

(a) *The Engverson Choral Society*. Mr. Eschman, Director. Membership is open to all who can read music sufficiently well. Two principal concerts are given each year, with notable artists assisting. According to the present custom, Handel's "Messiah" is sung each year at Christmas, while Rossini's "Stabat Mater", Mendelssohn's "Hymn of Praise", "Elijah", Haydn's "Creation", Coleridge-Taylor's "Hiawatha", Verdi's "Aida", Franck's "Beatitudes", Bizet's "Carmen" and Mascagni's "Cavalleria Rusticana", Bach's "Passion, According to St. Matthew", Haydn's "Seasons", Elgar's "Dream of Gerontius", Brahms' "German Requiem" and Verdi's "Manzoni Requiem" are other works recently given. Rehearsals are held on Monday evenings through the college year.

(b) *The Denison Orchestra*. Mr. Eschman, Director. Membership is not limited to students in the University, but offers to anyone of sufficient ability the opportunity of playing classical and modern compositions under suitable direction. The Orchestra assists the Choral Society in presenting some of its oratorios, besides giving at least one concert independently in the spring. Regular rehearsals are held on Tuesday evenings throughout the college year. Membership is free to those admitted.

(c) *The Denison Glee Club*. This is an organization of forty young men chosen by annual competitive examination from the men of the University community. About twenty concerts are given each year, engagements being filled in Ohio, Pennsylvania, New York, Michigan, Indiana and Illinois. The programs consist of classical numbers, popular glees, and college songs.

(d) *The Shepardson Glee Club*. This club consists of thirty-two girls, and with the exception of the officers is reorganized each fall by competitive examination. An annual concert is given in May. The club comprises the best voices of the College and Conservatory.

CONSERVATORY BULLETIN

A Bulletin is published containing additional information regarding the Conservatory. A copy may be obtained by addressing Conservatory of Music, Denison University, Granville, Ohio.

EXPENSES IN CONSERVATORY

TUITION PER SEMESTER

For the student paying full college tuition there is no additional charge for any course meeting in class sessions. For private lessons a charge of \$15 is made for each hour of semester credit involving one lesson a week and the necessary practice. There is no additional charge for the use of instruments for practice.

For students not paying regular college tuition the following charges are made per semester:

In Pianoforte, Voice, Organ, Violin, Violoncello, or Wind Instruments

Two private lessons per week.....	\$50.00
One private lesson per week.....	27.50
In Advanced Harmony, Counterpoint, Public School Music or History of Music; Class lesson, three hours per week	12.00
In Form, Canon and Fugue, Composition, Elementary Har- mony, Terminology, Appreciation, or Orchestration and Conducting; Class Lessons, etc., two hours per week....	8.00

In Solfeggio, I, II, III, and IV, four hours per week.....	16.00
Rent of piano for practice, per semester hour (i.e. one hour a week for a semester).....	1.00
Rent of pipe organ for practice per hour.....	.15

Any college work for special students would be charged by the college rate for the semester hour (\$8.00).

Rebate. Students dropping music before the middle of the semester must make arrangements for the rebate with the Director of the Conservatory.

DEPARTMENTS OF INSTRUCTION

THEORY AND HISTORY

MR. ESCHMAN, MR. STARK, MR. HUFF

College credit may be obtained for any of the numbered courses. Those who intend to complete the theoretical course are advised to take courses 111-112, 221-222, 331-332, and 441-442, in consecutive years.

101. The Appreciation of Music. A non-technical course, open to all students of the University. The object is to point out the structural principles of musical art and to show what constitutes real merit in any field of musical activity. The work embraces lectures and analysis, collateral reading and critical reports of current recitals.

VII, 2. Mr. Eschman.

(Repeated in second semester) IV, 2. Mr. Stark.

102. Modern Music. A course in the analysis and appreciation of contemporary music.

VII, 2. Mr. Eschman.

(Repeated in first semester) IV, 2. Mr. Stark.

103-104. Chorus, Orchestra or Band and Ensemble Training. Three hours are required for one hour college credit. The course can be repeated in successive years as Music 203-204, for a total of four semester hours.

Arr., 1. Mr. Eschman.

111-112. Elementary Harmony. This course or its equivalent is prerequisite to all higher courses. It embraces a detailed

study of the modern system of musical notation, the analysis of rhythm, practice on scale writing and transposition. The work concludes with a study of elementary harmony including triad connection. This course is required of all freshmen planning to graduate from the conservatory.

I or IV, 2. Mr. Eschman and assistants.

113-114. Solfeggio. A course in ear training and musical dictation.

4 days, VI, 2. Mr. Huff.

201. History of Music to the Eighteenth Century. The work consists largely of assigned reading, with written reports, tests and theses. A collection of primitive instruments serves to illustrate these early stages of music, and typical music of the successive periods is rendered in class so far as possible. Not offered in 1938-39.

VI, 3. Mr. Eschman.

202. History of Music from the Eighteenth Century to the present time. Continuation of Course 201. Offered in 1939-40.

VI, 3. Mr. Eschman.

213-214. Solfeggio. Second year. 4 days, VII, 2. Mr. Huff.

221-222. Advanced Harmony. Review of intervals and triads; dominant and secondary chords; suspensions; augmented and altered chords; modulations; organ-point; the harmonization of given melodies in bass or soprano, mostly in four parts, and the composition of simple original pieces. Solfeggio and elementary theory are prerequisite, with knowledge of the pianoforte sufficient at least to play an ordinary hymn-tune at sight.

I and IV, 3. Mr. Eschman and Mr. Stark.

301. Terminology and Conducting. The elements of music and conducting as applied to the practice of music in the schools.

IV, 2. Mr. Huff.

302. Orchestration. The study of instruments and their combinations with the practice of orchestrating for school purposes.

IV, 2. Mr. Huff.

311-312. Musical form. Study of thematic construction and elements of composition, through analyses of the principal instru-

mental forms, as illustrated in the works of classic and modern composers. Courses 221-222 must ordinarily precede this work, but by special permission may be taken in the same years. Alternates with Music 201-2, and not given in 1939-40.

III, 2. Mr. Eschman.

Public School Music Methods. This course covers in detail the work of the various grades and all methods now in use in the school. Related problems in the psychology of teaching are discussed. (Register as Education 313-314). II, 3. Mr. Huff.

331-332. Counterpoint. The principles of harmony applied to the melodious treatment of two or more voice parts in combination. Free harmonization of choral melodies, two, three, and four part counterpoint in the several orders; contrapuntal and imitative treatment of subjects in different voices for organ and strings. Courses 221-222 are prerequisite and some proficiency in piano playing is required. III, 3. Mr. Stark.

441-442. Composition. Analysis and composition of canon and fugue and the advanced forms of polyphonic music. Free composition of vocal and instrumental works. Courses 221-222, 331-332 are prerequisite, with some proficiency in pianoforte or organ playing. II, 2. Mr. Eschman.

APPLIED MUSIC

Forty-eight semester hours of credit in applied music (piano, voice, etc.) are required for the Bachelor of Music degree. Eight semester hours are credited a student majoring in any department toward the Bachelor of Arts degree in the college; for majors in Applied Music a total of 16 hours may be accredited.

The courses are numbered as follows: Piano, Violin, Violoncello, Voice or Organ 111-112, 211-212, 311-312, and 411-412 for the first, second, third and fourth years in the subject, each course number receiving one hour of college credit per semester for one lesson and five hours practice a week.

Piano, Violin, Violoncello, Voice or Organ 121-122, 221-222, 321-322, 421-422, for the respective years, each course number representing two hours of college credit per semester for two lessons and ten hours practice a week.

PIANO

MISS HAURY AND MR. BEYER

No set course is specified, but the work is adapted to the individual pupil, and teaching preserves the cultural point of view as much as the professional. Foundations are thoroughly laid in a study of the instrument itself and of the natural laws of an adequate technique are considered merely the basis of artistic interpretation. The principles of expression are taught by means of the music of both classic and romantic composers.

VOICE

MR. KELLOGG

The object of instruction is the correct placing of the voice, so that the tones are even and firm throughout the entire range. Stress is laid on the control of the breath, rhythm, and phrasing, together with enunciation and stage presence. Use is made of the classic song literature of all schools, especially the German, and of our own American song writers.

ORGAN

MR. STARK

A certain facility at the piano and in sight-reading is necessary and this must be proved to the satisfaction of the instructor, who may prescribe such additional work as may seem advisable in preparation. A good organ touch, comprising legato and staccato playing, steadiness and smoothness of style, are the objective aims.

Carls' Master Studies for Organ and Bach's Little Preludes and Fugues compose the ground work of study. This is followed

by sonatas by Mendelssohn, Merkle, Guilmant, selections by Widor, Dubois, Boellman, Lemare, Best, Hollins, Buck and Parker. Special attention is given to hymn playing, accompanying and registration to meet the practical needs of church work.

VIOLIN AND VIOLONCELLO

MR. GELFER, MR. WELLS

Good tone production and clear intonation receive a large share of attention, followed by studies and special exercises to meet the needs of the individual. As the student becomes more proficient, pieces, sonatas, and concertos by classic and modern masters will be studied. It is the purpose to work not only for technical proficiency, but also for the higher and broader plane of artistic conception and interpretation. At least two semesters of piano study are required of candidates for graduation. Students are encouraged in ensemble playing, and those sufficiently advanced are admitted to the University Orchestra. The experience thus gained is not the least valuable part of the training, and is required of candidates for graduation.

ENSEMBLE CLASSES

- (a) Solfeggio I-II. Four hours per week, First Year.

VI. Mr. Huff.

- Solfeggio III-IV. Four hours per week, Second Year.

VII. Mr. Huff.

This work, or a satisfactory equivalent is required of all candidates for graduation in any department of the Conservatory.

The course is provided to meet the needs of all who are in any degree deficient in the fundamental principles of music, such as rhythm, intervals, and scales, or who are unable to read vocal or instrumental music readily at sight. It includes both ear-training and sight-singing.

- (b) Piano Classes—Miss Haury and Mr. Beyer. Ensemble classes are maintained in piano, both duet and quartette work be-

ing done. The classes are free to all registered in the Conservatory, and this work is required of all pupils sufficiently advanced.

(c) String Classes—Mr. Gelfer and Mr. Eschman. As far as material offers, practice is held in trio and quartette work, with performances in public and suitable occasions. Advanced pupils are coached in ensemble with piano.

THE SOCIETY OF THE ALUMNI

An organization founded in 1846 composed of the graduates and former students of Denison University for the purpose of assisting the college as circumstances may require. The Society maintains a central office, employs an executive secretary and two assistants, publishes the *Denison Alumnus*, assumes responsibility for the securing of new students, has charge of the college publicity, and cooperates with the administration of the college in promoting the interests of the college, working with the alumni membership and with friends of the institution.

OFFICERS OF THE SOCIETY AND MEMBERS OF THE COUNCIL

<i>President</i> , Henry S. Stout	25 N. Main St., Dayton, Ohio
<i>Vice President</i> , W. Forrest Loveless	1487 Guilford Rd., Columbus, Ohio
<i>Executive Secretary</i> , John L. Bjelke	Granville, Ohio
<i>Assistant Secretary</i> , James G. Cox	Granville, Ohio
<i>Assistant Secretary</i> , Marsena Cox Miller	Granville, Ohio
Ann Davis Heisey, '11	Newark, Ohio
Robert Collett, '14	Dayton, Ohio
Ford Weber, '21	Toledo, Ohio
Paul Clissold, '28	Evanston, Ill.
Lester Black, '14	Newark, Ohio
Sidney Jenkins, '18	Granville, Ohio
Mrs. E. P. Legler, '06	Dayton, Ohio
Dalton Deeds, '26	Mansfield, Ohio
Vivian Critchfield Fox, '14	Detroit, Mich.
Sue Theobald Miller, '10	Canton, Ohio
Dorman E. Richardson, '17	Toledo, Ohio
George McDonald, '28	Newark, Ohio
Earl Klinck, '25	Cincinnati, Ohio
Harold Rosene, '24	Cleveland Heights, Ohio

TRUSTEES OF THE UNIVERSITY ELECTED BY THE ALUMNI

Harold C. Phillips, Cleveland; V. Ernest Field, Indianapolis; Mrs. C. E. Richards, Columbus; Dr. Kirtley F. Mather, Newton Centre, Mass.; Eugene Barney, Dayton; and William F. Chamberlin, New York.

ALUMNI CLUB ROSTER

(Club President's name and address are given)

Clubs outside of Ohio

Boston.....Dr. Norman Padelford, 6 Ravenscroft Rd., Winchester, Mass.
 Buffalo.....Thelma Bratt, Clarence Center, N. Y.
 California.....Paul Askin, 1458 Loma Vista St., Pasadena, Calif.
 Chicago.....Hugh Price, Morgan Park Military Academy, Morgan Park, Ill.
 Colorado.....Rev. Rolla F. Brown, 1272 Washington St., Denver, Colo.
 Detroit.....Harry Henry Jr., 361 Merton Rd., Detroit, Mich.
 New York.....Ernest Brelsford, 12 Cambridge Rd., Glen Ridge, N. J.
 Philadelphia.....Corbly Gregg, 4644 Oakland St., Philadelphia
 Pittsburgh.....Donald Atwell, 405 Peebles St., Sewickley, Pa.
 Rochester.....Carl T. Amrine, 82 Lanvale Park, Rochester, N. Y.
 Erie.....A. M. Zell, 402 Marine Nat. Bank Bldg., Erie, Pa.
 Washington, D. C.....Mrs. R. N. Block, 1582 East West Highway,
 Silver Springs, Md.

Clubs in Ohio

Akron.....Mrs. W. L. Hammerbeck, 989 Amelia Avenue
 Canton.....Rex. Alexander, 1105 Broad Avenue
 Cincinnati.....Schuler Carroll, 711 Ridgeway
 Cleveland.....Wallace Heiser, 1617 Waterburg Rd., Lakewood
 Columbus.....Alva Edwards, 192 Northmoor Place
 Coshocton.....Aston Stewart, 132 Mulberry Street
 Dayton.....John Olt, 406 Ludlow Building
 Mt. Vernon.....Herbert Masteller, 217 E. Burgess Street
 Norwalk.....James Overhuls, 15 S. Pleasant Street
 Lake County.....Mrs. George Austin, 47 E. Washington St., Painesville
 Toledo.....Frank Steadman, 1964 Princeton Drive

Degrees Conferred in June, 1938

HONORARY DEGREES

Esther Josephine Crooks, Doctor of Literature
Homer Burton Adkins, Doctor of Science
Roy Burton Deer, Doctor of Divinity

BACHELOR OF ARTS

Virginia Lewis Andrew
Marydell Baldwin
Harriet Rose Beam
Elizabeth Virginia Beck
Mary Elizabeth Bibby
Betty Bowman
Margaret Virginia Brizell
Jane Curtis Brush
Mary Elizabeth Bryant
Jane Decker Bryson
Mary Louise Cada
Cornelia Frances Cartter
Jean Collins Clarke
Helen Harriet Clements
Emma Amolia Collins
Cathrin Coons
Ruth Phyllis Covell
Helen Evadne Cragin
Harriet Pease Crawford
Meredith Ann Damschroder
Dorothy Darrow
Sarah Josephine Davis
Pewilla Rogers Dick
Elizabeth Marguerite Dilley
Mary Elizabeth Dittoe
Elinor Rose Eschman
Mary Elizabeth Fergus
Mary Margaret Fischer
Eleanore Virginia Golden
Miriam Gross
Joan Elsdon Guthridge
Zettele Louise Hart
Ruth Ellen Hariman

Emma Isabel Hepler
Martha Ellen Hering
Phyllis Ann Herzberg
Mary Louise Holaday
Elizabeth Anne Hornor
Helen Kathryn Jones
Clara Hansine Jorgensen
Martha Elizabeth Jump
Mary Ella Kirby
Beryl Dean Lawrence
Anna Geraldine Lay
Gertrude Fralich Lindsay
Betty Louise Lindstrom
Dorothy Marian Linville
Mildred Mae McCollum
Esther Anne Marner
Shirley Louise Masch *
Evelyn Bernice Murton
Eleanor Frances Osborn
Lois Kathryn Oxley
Anna Duncan Pierce
Elizabeth Jean Pierce
Elizabeth Kim Plum
Ruth Jane Porter
Frances Louise Portmann
Jeannette Alice Post
Mary Aminta Reiter
Mary Katherine Rhodes
Jane Roberts
Priscilla Jane Sanderson
Susie Lee Shelton
Janet Jean Shepard
Elizabeth Ann Shoemaker

Mary Elizabeth Slack
Melissa Jane Sloan
Betty Louise Smeltz
Esther Goldie Smith
Martha Jane Smith
Catherine Margaret Sparks
Mary Louise Spring
Ellen Remington Thomas
Barbara Edith Walthour
Nancy Warner
Valeria Elizabeth Wells
Mary Elizabeth Wood
Jeanne Woods

Clinton Duncan Adair
Earven Andrew Andersen
John Reid Anderson
Ralph Lake Baker
Albert Nathan Beardshear
Thomas Harry Bottomley, Jr.
John Frederick Brauning
Clayton Duane Bromley
Robert Wilson Broughton
Richard William Burrill
Robert Alfred Carney
Arthur Olean Cash, Jr.
Jack Franklin Cleff
Harold Newton Cole
William Ashbrook Cornell
Henry Patterson Cowgill
Eli Craig
Colin Moore Crockett
Richard Longfellow Cullen
Richard Henry Davis
Charles Robert Deeter
Maxwell Kipp Douglas
John Monroe Dunnick
George Thorndike Dwelley
Theodore George Erler
Louis Stephen Ewing
Carl Albert Frazier
Gordon Harold Frost
Charles Franklin Gard
Robert Paul Gehrandt

Raymond Henry Giffin
Horace Carl Hamlin
Wallace Woodrow Hard
Bill Charles Hartman
Harold Leroy Haynes
Robert Herron, Jr.
Robert Frank Hillibish
Louis Gerald Hover
Robert Francis Jeffries
John David Jones
Robert Emerson King
George Miklos Kovachy, Jr.
Robert William Lepper
William Dabney Lewis
Frank William Lippard
Hubert Frank Martin
Benton DeMoss Mellinger
Gifford West Moore
James Taylor Morgan
Norman Sanford Nadel
William Parker Noble
David Borden Oatman
James Slocum O'Rourke, Jr.
Leslie George Orr
James Marcellus Overhuls
Gail Mallarnee Oxley
Richard Judson Pearse
Norton Ralph Potter
Robert Lee Radebaugh
Jack Ellsworth Rader
Robert Paul Robeson
Julius Romei
Harry James Root
Samuel D. Schaff
James Robert Scott
Frank Joseph Shanaberg
Robert Byers Shaw
William Albertus Sheets
Thomas Maynard Sheldon
Robert Booth Shepard
John William Shrontz
Warren Soltau Sivertsen
Jesse Martin Skriletz
Harold Vincent Smith

Philip Holmes Smith
 William Thomas Smith
 John Lincoln Stewart
 Nicholas Titus
 William Luther Tracy
 John Gudert Turnbull
 David Frank Turner
 Robert Lawrence Van Wagoner

Charles Ridgely Vincent, Jr.
 Eugene Dimiter Vodev
 Donald Benjamin Watkins
 Howard Hamilton Webster, Jr.
 Leonard George Welles
 William Hayes Whitehead
 William Ferrell Wilson
 Charles Franklin Wood

CERTIFICATES IN PUBLIC SCHOOL MUSIC

Mary Margaret Fischer

Charles Franklin Wood

Wallace W. Hard

DIPLOMAS IN CONSERVATORY

Wallace W. Hard, Violin

BACHELOR OF ARTS DEGREE CONFERRED SEPTEMBER, 1938

James Edwin Goodridge, Zoology

Honors and Prizes Awarded in 1938

ELECTION TO MEMBERSHIP IN PHI BETA KAPPA

SENIORS

Reid Anderson
 Margaret Brizell
 *Robert Deeter
 Elinor Eschman
 Phyllis Herzberg
 Helen Jones
 Martha Jump
 *William Lewis
 Evelyn Murton

Eleanor Osborn
 Gail Oxley
 Elizabeth Plum
 Susie Lee Shelton
 *Esther Goldie Smith
 John Turnbull
 David Turner
 Leonard Welles
 Valeria Wells

Franklin Wood

*Elected in Junior Year.

JUNIORS

Harry Clement
 Ida Jeanne Dagger

Donald Everhart
 Esther Price

THE FRESHMAN CHEMISTRY PRIZE Edward Barney

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THE WOODLAND CHEMISTRY PRIZE

First, Minard Patrick	Second, Donald Everhart
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First, Minard Patrick Second, Donald Everhart

First, Norman Nadel	Third, Richard Cosway
Second, Dean Beier	Fourth, Spencer Meilstrup

First, Robert Van Wagoner Second, William T. Smith
Third, Nicholas Titus

SENIOR RESEARCH PRIZE IN ECONOMICS
John Turnbull

JEANNIE OSGOOD CHAMBERS MEMORIAL PRIZES IN ENGLISH

First, John Stewart	Second, Nicholas Titus
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GERTRUDE CARHARTT BRELSFORD MEMORIAL SCHOLARSHIP
Curtis McKinnie

E. S. SHEPARDSON SCHOLARSHIP
John Hammatt

ANNIE M. MACNEILL POETRY PRIZE
Pewilla Dick

SPECIAL HONORS
Leonard Welles, Mathematics

GENERAL HONORS

Helen Jones
Evelyn Murton
Elizabeth Plum

Esther Goldie Smith
Robert Deeter
William Lewis

John Turnbull

DEPARTMENTAL HONORS

Margaret Brizell, Psychology
Mary Louise Cada, Mathematics
Martha Hering, Economics
Phyllis Herzberg, Economics
Helen Jones, Modern Languages
Beryl Dean Lawrence, Botany
Mildred McCollum, English
Evelyn Murton, English
Eleanor Osborn, English
Elizabeth Plum, English
Susie Lee Shelton, Mathematics
Martha Smith, Modern Languages
Catherine Sparks, English
Valeria Wells, Mathematics
Clayton Bromley, Mathematics
William Cornell History
Robert Deeter, Mathematics, Physics
Theodore Erler, Zoology
Robert Gehrandt, Economics
Wallace Hard, Music
William Lewis, Geology
William Smith, Art
John Stewart, English
John Turnbull, Economics
Leonard Welles, Mathematics
William F. Wilson, Engineering Science

ANNUAL HONORS

Harriet Beam
Elizabeth Cowman
Ida Jeanne Dagger
Jeanne deBeauchair
Pewilla Dick
Joan Guthridge
Martha Hering
Phyllis Huffman

Virginia Jones
Jane Martin
Eileen Meacham
Susanne Olt
Esther Price
Marcia Sipple
Reid Bryson
Harry Clement

Richard Cosway
Lawrence Curtis
Edward Deeds
Stanley Hanna
Michael Hubona
Robert Macomber
Robert Maxwell

Thomas Norpell
Minard Patrick
William Price
George Sims
Kenneth Sperl
Robert Wolfe
Robert Wright

"A" STUDENTS

Ida Jeanne Dagger
Lillian Grimm
Elizabeth Plum
Marcia Sipple

Edward Deeds
Stanley Hanna
Thomas Norpell
John Reed

Kenneth Sperl

ELECTION TO MEMBERSHIP IN PHI SOCIETY

Mary Barr
Blanche Butler
Margaret Chesebrough
Elizabeth Cowgill
Lillian Grimm
Phyllis Huffman
Eloise Jones
Jane Martin
Eleanor Nebel
Susanne Olt
Eleanor Pickrel
Mary Louise Ryan
Marcia Sipple
Mary Ernestine Smith
Phyllis Stacy

Lois Wolfe
Edward Barney
John Barrington
Reid Bryson
Marvin Cummings
Edward Deeds
Stanley Hanna
Michael Hubona
Karl Klomann
Robert Macomber
Robert Maxwell
David Mitchell
John Montgomery
Thomas Norpell
Ira M. Price, II

Gilbert Scamahorn

Student Enrollment

(For the First Semester 1938-1939)

POST GRADUATE

Rupp, Edson C., Jr.Granville

SENIORS

Banning, RobertMiami, Florida
 Baahore, W. DelphonHammond, Ind.
 Beier, ThomasEvanston, Ill.
 Beier, DeanBirmingham, Mich.
 Bisbee, GeorgeJackson, Mich.
 Blackburn, JosephDetroit, Mich.
 Boggs, RalphToledo
 Bowman, C. VernSharpsville, Pa.
 Brooks, VilahPataaskala
 Browne, PhilipLake Geneva, Wis.
 Caplan, CharlesCleveland
 Cavagrotti, JosephRochester, N. Y.
 Chapin, JohnRockville Center, N. Y.
 Clement, HarryMaplewood, N. J.
 Coffman, CharlesParkersburg, W. Va.
 Collyer, WardhamRochester, N. Y.
 Condit, StantonDayton
 Cooper, EdwinRochester, N. Y.
 Corson, RichardRiverdale, N. Y.
 Cozway, RichardNewark
 Coughenour, RalphRockaway Beach, Mo.
 Crites, JohnCharleston, W. Va.
 Davis, PhilipGranville
 DuBer, IrvingDetroit, Mich.
 Evans, Irwin F.Oak Park, Ill.
 Everhart, DonaldGranville
 Faehle, KarlColumbus
 Filkins, EdwardChicago, Ill.
 Fulcher, JackChevy Chase, Md.
 Gibson, JackCaldwell
 Gilbert, PaulMidland, Pa.
 Gram, AlbertGates Mills
 Hage, AlbertRiver Forest, Ill.
 Hahn, JamesDayton
 Holt, WilliamSan Mateo, Calif.
 Hopes, GeorgeHubbard
 Hopkins, LewisCincinnati
 Janssen, ArthurLeonia, N. J.
 Jenkins, HarryBen Avon, Pa.
 Larned, RichardDetroit, Mich.
 Larson, JohnToledo
 LaRue, ThomasColumbus
 Lidster, AlanChicago, Ill.
 Logerquist, VerneGranville
 McClannathan, JohnToledo
 McNamara, ClementWaukegan, Ill.
 McNeill, AllenChicago, Ill.
 Maire, JulianDetroit, Mich.
 Maltrupp, SpencerDetroit, Mich.
 Miller, Roland W.Bexley
 Myer, JohnBuckeye Lake
 Newcomb, HarveyRochester, N. Y.
 Niederhofer, EdwinCincinnati
 Orme, ThomasCambridge
 Patrick, MinardNorwalk
 Randolph, HerbertGranville
 Reed, JohnDayton
 Ringle, FrederickTiffin
 Rupp, WoodwardGranville

Sanderson, AidenNewton Center, Mass.
 Sharp, GranvilleCleveland
 Sherman, DonaldBelmar, N. J.
 Sims, GeorgeShaker Heights
 Smith, DonaldTallmadge
 Smith, WallaceLancaster
 Spier, KennethTuckahoe, N. Y.
 Stark, HarryBirmingham, Mich.
 Stiner, CarlGranville
 Sweitzer, HarryYoungstown
 Tamblin, JackDetroit, Mich.
 Van Horne, RichardChicago, Ill.
 Vincent, PatrickChicago, Ill.
 Walker, MarvinGates Mills
 Welsh, PaulGranville
 West, BillPark Ridge, Ill.
 Wight, CollinsDayton
 Wiley, RonaldGranville
 Winchell, DonaldCanton
 Wright, BurdettGranville

Bowyer, HelenCleveland Heights
 Bryson, LenoreDetroit, Mich.
 Bumer, NelleGirard
 Burnham, DorothyEden, N. Y.
 Clark, ElmerWinnetka, Ill.
 Dagger, Ida JeanneArlington, Va.
 Deeds, JeanneGranville
 Deibel, FrancesCleveland
 Dicer, GladysPort Huron, Mich.
 Eilor, HelenSouth Orange, N. J.
 Falls, JaneLakewood
 Flory, DorisDayton
 Foreyth, RosemaryAlexandria
 Frazier, DorothyGranville
 Gell, RuthGranville
 Goodhue, KathrynLeominster, Mass.
 Green, MildredKent
 Gregg, JeanOak Park, Ill.
 Griffith, CarolDayton
 Hecker, MaryCleveland Heights
 Hopkins, KateBenton Harbor, Mich.
 Hubach, VirginiaBen Avon, Pa.
 Isley, CellannaEast Cleveland
 Janura, LibertyBerwyn, Ill.
 Jennings, RuthShaker Heights
 Jones, JacquelineOwatonna, Minn.
 Jones, JanetCohocton
 Klehm, NormaS. Orange, N. J.
 Knapp, JeanMarion
 Leady, MiriamFredericktown
 Lind, LorenzeToledo
 Matchett, DorothyChicago, Ill.
 Menham, EileenNewark
 Miller, PortiaS. Orange, N. J.
 Mitchell, MarianaShaker Heights
 Nichols, BarbaraHagerstown, Md.
 Osmond, ElizabethCleveland Heights

Palmer, Sue.....Granville
 Pilot, Lorna.....Shaker Heights
 Pinkham, Ruth.....Jackson, Mich.
 Price, Esther.....Alexandria
 Radke, Betty.....Toledo
 Ralph, Jean.....Yonkers, N. Y.
 Rope, Evelyn.....Pittsburgh, Pa.
 Sanzi, Jeanne.....Whitmore Lake, Mich.
 Schoepfle, Ruth.....Sandusky
 Scott, Elizabeth.....Maplewood, N. J.
 Segradi, Marie.....Detroit, Mich.
 Shumaker, Margaret.....Granville
 Simmons, Sylvia.....Ossining, N. Y.
 Speckman, Jean.....Coshocton
 Starkey, Frieda.....Ravenswood, W. Va.
 Sullivan, Dorothy.....Dayton

Townley, Mary Jane.....Lancaster
 Tumbleson, Elizabeth.....Columbus
 Wallis, Lois.....San Diego, Calif.
 Way, Elizabeth.....Shaker Square
 Webb, Katherine.....Toledo
 Wheeler, Ruth.....Bexley
 Wiggins, Mary.....Westfield, N. J.
 Wilkins, Marjorie.....Lakewood
 Williams, Eleanor.....Wilmette, Ill.
 Williams, Jean.....Chagrin Falls
 Winchester, Constance.....Toledo
 Wingert, Rebecca.....Nankin
 Wolf, Carolyn.....Mansfield
 Wolfe, Katherine.....Harpers Ferry, W. Va.
 Yoder, Jean.....Brecksville
 Zell, Margaret.....Erie, Pa.

JUNIORS

Ault, Wallace.....Cambridge
 Bailey, Bernard.....Newton, Iowa
 Barlow, Merton.....Rochester, N. Y.
 Barsley, Charles.....Fort Wayne, Ind.
 Bellavia, Alphonse.....Rochester, N. Y.
 Berstad, Roger.....Oak Park, Ill.
 Bethune, Donald.....Chatham, N. J.
 Blase, Clark.....Jackson, Mich.
 Black, James.....Newark
 Blackburn, Robert.....Toledo
 Blade, John.....Granville
 Blake, Richard.....Caldwell
 Blasdel, Eugene.....Amarillo, Texas
 Block, Robert.....Oak Park, Ill.
 Boam, David.....Bedford
 Bogman, Charles.....Beaver, Pa.
 Brant, John.....Columbus
 Budelman, Ralph.....Chicago, Ill.
 Cameron, William.....Detroit, Mich.
 Carey, David.....Salem
 Clark, Robert.....Villa Park, Ill.
 Collander, Ned.....Ashtabula
 Curtis, Lawrence.....Bangor, Pa.
 Daych, Donald.....New York, N. Y.
 Dean, Forest.....Wooster
 Deer, Gordon.....Narberth, Pa.
 Dixon, Richard.....Toledo
 Duffey, Donald.....Chicago, Ill.
 Duffy, Harry.....Willard
 Elliott, Jesse.....Newark
 Frost, Wilbur.....Granville
 Giffin, Roy.....Dayton
 Gordon, Joseph.....Oak Park, Ill.
 Gordon, Robert.....Pittsburgh, Pa.
 Hallstein, Harold.....Shaker Heights
 Hanna, Ames.....Granville
 Harding, Robert.....Winnetka, Ill.
 Hartley, Durwood.....Jamestown, N. Y.
 Hite, William.....Thorntown
 Hudson, Archie.....Hornell, N. Y.
 Innis, Charles.....Granville
 Jewett, Sterling.....Cheshire, Conn.
 King, Joseph.....Columbus
 Lamb, Burlo.....Columbus
 LeRoy, Eugene.....Cincinnati
 Lindstrom, John.....Niles Center, Ill.
 McCollum, James.....Granville
 McGarry, Donald.....Bowling Green
 McGiffin, Robert.....Coshocton
 McIntyre, James.....Berwyn, Ill.
 Mandry, David.....Martins Ferry

Markle, William.....Detroit, Mich.
 Marquardt, Willard.....Dayton
 Molen, Franklin.....Dayton
 Musal, Alfred.....Yonkers, N. Y.
 Norman, Seth.....Lancaster
 Oxley, Charles.....Granville
 Perry, Warren.....Granville
 Pettit, Louis.....Cleveland
 Philipps, Thomas.....Granville
 Pierce, Philip.....Morrisville, N. Y.
 Price, Myron.....Newark
 Price, William.....Alexandria
 Riddell, Ralph.....Cincinnati
 Saunders, Paul.....Mt. Vernon, N. Y.
 Schulte, James.....Columbus
 Sheldon, William.....Chagrin Falls
 Shepard, Thomas.....Cincinnati
 Shively, John.....Dayton
 Siegrist, George.....Coshocton
 Simpson, Robert.....Detroit, Mich.
 Smith, Robert.....Avon Lake
 Snider, Monroe.....Lakewood
 Southard, Stanley.....Bexley
 Stone, Leavitt.....Columbus
 Sweeder, Willard.....Addyston
 Van Voorhis, Samuel.....Newark
 Venning, Jack.....Highland Park, Ill.
 Vick, Robert.....Rochester, N. Y.
 Webb, Stafford.....Greensboro, N. C.
 Wheeler, Charles.....Allison Park, Pa.
 Wheeler, Robert.....Wyoming
 White, Richard.....Chicago, Ill.
 Wiley, Robert.....Ballston Spa, N. Y.
 Wolfe, Robert.....Dayton
 Wright, Robert.....Granville

Ammon, June.....Cincinnati
 Bahr, Jeanne.....Oak Park, Ill.
 Barlow, Betty.....Elizabeth, Pa.
 Bartholomew, Jane.....Fort Wayne, Ind.
 Bollin, Mary Elizabeth.....Bay Village
 Braun, Betty.....Buffalo, N. Y.
 Cady, Barbara.....Tarrytown, N. Y.
 Chappell, Donna.....Cleveland
 Christena, Virginia.....Indianapolis, Ind.
 Clark, Janet.....Lakewood
 Clements, Betty.....Kenilworth, Ill.
 Coons, Frances.....Granville
 Cowman, Elizabeth.....Bellefontaine

Deane, Dorothy	Rochester, N. Y.	Fage, Blanche	Columbus
deBeauchamp, Jeanne	Cleveland	Fitchard, Dorothy	Bexley
DiDomenica, Edna	Philadelphia, Pa.	Radabaugh, Judith	Lancaster
Egbert, Janet	Buffalo, N. Y.	Reed, Mary	Ironton
Ellingson, Mildred	Evanson, Ill.	Reis, Muriel	Englewood, N. J.
Eschman, Barbara	Granville	Sackett, Winifred	Cleveland Heights
Evans, Helen	Waynesboro, Va.	Samman, Jeanne	Cleveland Heights
Evensen, Ednor	Highland Park, Ill.	Sears, Mary Ann	Shaker Heights
Galloway, Rebecca	Cedarville	Shaffer, Jeanne	Columbus
Goodwin, Agnes	Adrian, Mich.	Shaw, Beatrice	Buffalo, N. Y.
Gregg, Mary	Lima	Sherman, Margaret	Cleveland Heights
Grille, Mary	Hammond, Ind.	Sherwood, Mary	Ottawa
Hahn, Marie	Lakewood	Shinn, Mary	Newark
Homchis, Sue	Detroit, Mich.	Shuck, Janet	Dayton
Jones, Virginia	Newark	Smith, Mary P.	Shaker Heights
Kinney, Dorothy	Toledo	Sowch, Nellie Margaret	Shaker Heights
Klemm, Betty	Wyoming	Stimmel, Betty Lou	Springfield
Krieg, Jeannette	Newark	Stoll, Florence	Rochester, N. Y.
Lederer, Jane	Memphis, Tenn.	Taylor, Betty	Granville
Lindeman, Dorothy	Columbus	Taylor, Elizabeth A.	Newark, N. J.
McCoy, Helen	Dayton	Thomas, Dorothy	Pittsburgh, Pa.
Mandel, Doris	Columbus	Truesdell, Peggy	Toledo
Marlinda's, Virginia	Lockland	Van Horn, Elizabeth	Nashville, Tenn.
Matthews, Gloria	Evanson, Ill.	Yorke, Barbara	Middletown
Menendian, Margaret	Columbus	Walker, Barbara	Mt. Vernon, N. Y.
Merchant, Marjorie	Pecora, Ill.	Watson, Barbara	Egbertsville, N. Y.
Morkan, Evelyn	Granville	Welcher, Marion	Highland Park, Mich.
Morrison, Suzanne	Zanesville	Westcott, Priscilla	River Forest, Ill.
Mowery, Maile	Newark	Wiesler, Elvora	Portsmouth
Newton, Fannie	Pontiac, Mich.	Williams, Betty	Granville
Newton, Jeannette	Pontiac, Mich.	Yeager, Bette	Granville
Orcutt, Marian	Plainfield, N. J.	Yule, Janet	Kansas City, Mo.

SOPHOMORES

Bailey, Taylor	Hamburg, N. Y.	Haines, William	Westfield, N. J.
Barboover, Paul	Hubbard	Hall, James	Dayton
Barlow, Donald	Detroit, Mich.	Hall, Richard	Newark
Barney, Edward	Dayton	Hammer, John	Mansfield
Barran, Alfred	Columbus	Hanna, Stanley	Granville
Barrington, John	New Washington	Hanson, Nell	Detroit, Mich.
Bizar, Frank	Buffalo, N. Y.	Harrison, Charles	Newark
Blosser, Harold	Harrisburg, Va.	Hassard, William	Detroit, Mich.
Boggs, Charles	Granville	Hays, Robert	Beaver, Pa.
Braden, Paul	Newark	Hickman, Daniel	Elmira, N. Y.
Braunling, Robert	Zanesville	Hickman, Jack	Cincinnati
Bridge, William	Groese Pointe, Mich.	Hogues, Jack	Marysville
Bryson, Reid	Detroit, Mich.	Hough, Norman	Cleveland
Burchard, James	Dayton	Howland, James	Detroit, Mich.
Campbell, Scott	Geneva, Ill.	Hubona, Michael	Chicago, Ill.
Chittenden, Hugh	Pittsfield, Mass.	Hurley, John	Glen Ellyn, Ill.
Crawford, Howard	Detroit, Mich.	Hutton, James	Kenmore, N. Y.
Cummings, Marvin	Castile, N. Y.	Jania, John	Granville
Deeds, Edward	Granville	Irwin, Donald	Churchville, N. Y.
DeLong, David	Ann Arbor, Mich.	Jewett, Stiles	Mt. Carmel, Conn.
Dickson, Joseph	Barrington, E. I.	Johnson, Eric	Marysville, Wis.
Downs, Jack	East Cleveland	Johnson, Howard	Steubenville
Drake, Ralph	Jamslet, N. Y.	Jordan, Charles	Dayton
Drummond, David	Cleveland	Kelley, Richard	Greenfield
Edwards, Jack	Columbus	Kibby, Fraser	East Cleveland
Epstein, Urvan	Cleveland Heights	Klepper, Harlan	Buffalo, N. Y.
Fishell, Richard	Findlay	Klommann, Karl	Berwyn, Ill.
Fitch, Donald R.	Chicago, Ill.	Kroemer, Karl	Dayton
Flory, David	Dayton	Loeugeler, Frank	East Orange, N. J.
Frye, Richard	Bexley	Lahn, Ward	Baltic
Genser, Wilson	Chicago, Ill.	Lavell, John	McConnelville
Gillespie, Paul	Hammonton, N. J.	McCarthy, Donald	Apple Creek
Goss, Charles	Detroit, Mich.	McCartney, Will	Cambridge
Gowdy, Robert	Dayton	McClunathan, Joseph	Toledo
Gregg, Thomas	Lima	McKinnis, Curtis	Springfield

Mackelfresh, Taylor.....Cincinnati
 Mecomber, Robert.....Canton
 Marshall, Jack.....Dayton
 Martin, Robert.....Columbus
 Masteller, Wallace.....Sidney
 Maxwell, Robert.....
 Mt. Lebanon, Pittsburgh, Pa.
 Maxwell, Thomas.....Mansfield
 Mereness, Robert.....Lima
 Mitchell, David.....Detroit, Mich.
 Monahan, Frank.....New York, N. Y.
 Montgomery, John.....Detroit, Mich.
 Moore, John Newton.....Downers Grove, Ill.
 Morrison, Frederick.....Newark
 Nelms, John.....East Cleveland
 Nelms, Joseph.....East Cleveland
 Neubert, John.....Forest Hills, N. Y.
 Nicholles, Donald.....Pontiac, Mich.
 Niederhofer, Marie.....Cincinnati
 Norpell, Thomas.....Newark
 Owens, Willard.....Cambridge
 Parsons, Spencer.....Nashua, N. H.
 Paxton, P. Dickey.....Dayton
 Pifer, Robert.....Lansing, Mich.
 Podorean, Charles.....Hebron
 Pratt, John.....Bellefontaine
 Price, Ira M.....Chicago, Ill.
 Purvis, Donald.....Pittsburgh, Pa.
 Radke, Robert.....Toledo
 Randolph, Robert.....Dayton
 Richards, Emory.....Bexley
 Rieger, James.....Bloomington
 Romig, Sam.....Uhrichville
 Rosboro, Otis.....Chicago, Ill.
 Royce, Joseph.....Brooklyn, N. Y.
 Scamahorn, Gilbert.....Williamstown, W. Va.
 Scarritt, Ralph.....River Forest, Ill.
 Schwartz, Robert.....Columbus
 Shoop, Richard.....Corry, Pa.
 Shorts, Wilbur.....Warrensville
 Slegel, Howard.....Newark
 Sims, Harry.....Shaker Heights
 Staddon, Arthur.....Dayton
 Starr, Rowland.....Detroit, Mich.
 Stumpf, Ralph.....Bay Village
 Swartz, Tim.....Norwood
 Taylor, David.....South Lyon, Mich.
 Taylor, Frederick.....Mt. Vernon
 Thomas, Howard.....Mt. Vernon
 Timrud, David.....Brooklyn, N. Y.
 Tompert, James.....Dayton
 Townsley, Harry.....Lancaster
 Turnbull, Franklin.....Milwaukee, Wis.
 Uhlman, Frederick.....Bowling Green
 Umsted, James.....Circleville
 Varney, Chester.....Lakewood
 Wager, Richard.....Wauseon
 Walt, Dwight.....Glenshaw, Pa.
 Walker, Eugene.....New Philadelphia
 Waller, Donald.....Columbus
 West, Raymond.....Glen Ellyn, Ill.
 Whitehead, Richard.....New Haven, Conn.
 Whitney, Frank.....Ann Arbor, Mich.
 Wiler, Russell H.....P. Mitchell, Ky.
 Williamson, Donald.....Pataaskala
 Wilson, Gordon.....Detroit, Mich.
 Wilson, William H.....Philadelphia, Pa.

Alpers, Mary Jean.....Lakewood
 Anderson, Barbara.....Chicago, Ill.
 Baldwin, Marjorie.....Columbus
 Barbour, Priscilla.....Evanston, Ill.
 Barnes, Helen.....Washington, Pa.
 Barr, Mary.....Dayton
 Beckham, Adela.....Dayton
 Belke, Eleanor.....Granville
 Blair, Mary.....Curwensville, Pa.
 Blaisdell, Armena.....Bexley
 Bond, Jane.....Washington, Pa.
 Bonnet, Elise.....Bronxville, N. Y.
 Bookser, Barbara.....Highland Park, Mich.
 Bottomley, Kathryn.....Shaker Heights
 Boughner, Betty.....Clarksburg, W. Va.
 Bowman, Carolyn.....Zanesville
 Bowman, Harriet.....Toledo
 Brown, Shirley.....East Cleveland
 Buchanan, Lois.....Washington, Pa.
 Bunje, Jean.....Findlay
 Chalmers, Susan.....Columbus
 Champney, Lois.....Dearborn, Mich.
 Cheadle, Emma Lou.....Johnstown
 Chesebrough, Margaret.....Toledo
 Christian, June.....Cleveland Heights
 Collins, Katherine.....Norwood
 Cowgill, Elizabeth.....Port Clinton
 Craig, Carolyn.....Washington, C. H.
 Davis, Emajean.....Granville
 Deal, Elizabeth.....Canton
 Divilbiss, Mary.....Fredericktown
 Dorsey, Helen.....Welch, W. Va.
 Dorsey, Jane.....Shaker Heights
 Ellis, Bette.....Wilmette, Ill.
 Ewart, Alison.....Trenton, N. J.
 Faris, Helen.....Pomeroy
 Finkenbinder, Phyllis.....Rocky River
 Finley, Barbara.....Columbus
 Fletcher, Jeanne.....Columbus
 Ford, Ruth.....Zanesville
 Forsythe, Marian.....Cleveland Heights
 Foster, Elizabeth.....Chicago, Ill.
 Foster, Rachel.....Newark
 Franke, Ruth.....Lakewood
 Freer, June.....Ashland
 Galloway, Dorothy.....Cedarville
 Gardiner, Mary.....Middletown
 Gates, Jenny June.....Columbus
 Gatten, Dorothy.....Mt. Vernon
 Gregg, Meta.....Bexley
 Grimm, Lillian.....Cincinnati
 Gross, Clara.....Hillsboro
 Halsey, Martha.....Granville
 Hammerle, Virginia.....Marysville
 Hansen, Avis.....Chicago Heights, Ill.
 Hintzmann, Jeanne.....Rocky River
 Huff, Jeannette.....Bethesda
 Huffman, Phyllis.....Alexandria
 Hurligan, Betty.....Lakewood
 Isant, Margaret.....Warren
 Jeffrey, Lucille.....Uniontown, Pa.
 Johnston, Louise.....Wyoming
 Jones, Eloise.....Granville
 Jones, Winifred.....Jackson
 Killian, Barbara.....Toledo
 Killian, Jean.....Toledo
 Klemm, Jeanne.....Bloomington, Ill.
 Koncans, Jean.....Cleveland
 Koos, Betty.....Toledo
 Kovachy, Lillian.....Shaker Heights
 Kulhanek, LaVerne.....Lakewood

Adams, Charlyn.....Parkersburg, W. Va.
 Adams, Erma.....Coshocton

Lancashire, Mary.....	Maumee	Sharkey, Susanne.....	Dayton
LeRow, Susan.....	Chicago, Ill.	Shumaker, Eleanor.....	Granville
Lewis, Ann.....	Dayton	Supple, Marcia.....	Warren, R. I.
Lewis, Lucy.....	Granville	Swade, Camille.....	Pittsburgh, Pa.
Logan, Phyllis.....	Athens	Swade, Elizabeth.....	Ballston Spa, N. Y.
Longbaugh, Virginia.....	Canton	Smith, Mary Ernestine.....	Marion
Lundy, Doris.....	Pittsburgh, Pa.	Smith, Ruth.....	Columbus
McNeill, Marjorie.....	Chicago, Ill.	Stacy, Phyllis.....	Bexley
Martin, Jane.....	Detroit, Mich.	Stewart, Betty.....	Granville
Montross, Marilyn.....	Troy	Stilwell, Mary.....	Shaker Heights
Nebel, Eleanor.....	Chicago, Ill.	Strath, Virginia.....	Detroit, Mich.
Nixon, Elizabeth.....	Rochester, N. Y.	Stratton, Betty.....	Snyder, N. Y.
Paeley, Carolyn.....	Newark	Thomson, Jean.....	Granville
Pickering, Mary.....	Urbana	Thibault, Mary Frances.....	Franklin
Piersen, Esther.....	Akron	Tice, Kathleen.....	Columbus
Pocock, Marjorie.....	Marion	Timm, Dorothy.....	Bay City, Mich.
Preston, Jean.....	Yonkers, N. Y.	Trask, Charlene.....	Lakewood
Putnam, Ann.....	Cleveland	Van Deventer, Louise.....	Evanston, Ill.
Rea, Sally.....	Ft. Wayne, Ind.	Van Horn, Edith.....	Nashville, Tenn.
Reynolds, Mary Jane.....	Cleveland Heights	Vierling, Ruth.....	Oradell, N. J.
Rhoton, Dorothy.....	Cleveland Heights	Walker, Agnes Jean.....	Detroit, Mich.
Richardson, Nancy.....	Lorain	Wallgren, Violet.....	University City, Mo.
Robinson, Betsy.....	Buffalo, N. Y.	Watbne, Ellen.....	Granville
Rope, Margery Lea.....	Pittsburgh, Pa.	Watkins, Phyllis.....	Massillon
Rowe, Betty.....	Oak Park, Ill.	Wicker, Lucia.....	Snyder, N. Y.
Rupp, Madeleine.....	Ottawa, Iowa	Wiles, Nancy.....	Detroit, Mich.
Ryan, Mary Lou.....	Hamilton, N. Y.	Wiley, Ann.....	Chattanooga, Tenn.
Sangren, Dorothy.....	East Chicago, Ill.	Williams, Kathleen.....	Mt. Vernon
Schubert, Virginia.....	Cincinnati	Willis, Suzanne.....	Washington C. H.
Schutz, Shirley.....	Toledo	Wolfe, Lois.....	Rome, N. Y.
Shank, Ruth.....	Cleveland	Wright, Elizabeth.....	Dayton

FRESHMEN

Allan, John.....	Westfield, N. J.	Deeter, David.....	Dayton
Allen, Orville.....	Toledo	DeJute, James.....	Niles
Anstaett, Joseph.....	Columbus	Denison, Albert.....	Pittsfield, Mass.
Anslinger, Ralph.....	Columbus	Denton, Clarence.....	Castile, N. Y.
Ashley, Donald.....	Detroit, Mich.	Dewey, John.....	Western Springs, Ill.
Atley, Gerald.....	Milwaukee, Wis.	Dippery, Franklin.....	Van Wert
Bailey, Stephen.....	Columbus	Donoff, John.....	Newark
Baughman, Lowell.....	Newark	Donovan, John.....	Buffalo, N. Y.
Baumgartner, Robert.....	Detroit, Mich.	Douglass, William.....	Detroit, Mich.
Bellar, Jack.....	Columbus	Duerr, John.....	Canton
Bohl, Robert.....	Hillsboro	Egert, Irving.....	Ironton
Bowen, Thomas.....	Columbus	Elmer, Richard.....	Toledo
Boyd, Robert.....	Newark	Forest, Edward.....	Mt. Healthy
Brainard, Gale.....	Grosse Pointe, Mich.	Fox, Thomas.....	Detroit, Mich.
Brannan, Delbert.....	Evanston, Ill.	Gagnier, Frederick.....	Detroit, Mich.
Brannon, Earl.....	Zanesville	Gehr, Arthur.....	Evanston, Ill.
Branson, Robert.....	Bay Village	Gerber, Adrain.....	Baltic
Bridge, Richard.....	Grosse Pointe, Mich.	Gosnell, Dale.....	Granville
Brigham, Jack.....	Winnetka, Ill.	Grabner, Robert.....	Cleveland
Britton, Glen.....	Mt. Vernon	Griffin, William.....	Norwood
Brown, William.....	Defiance	Gullett, David.....	Rocky River
Burkhart, Roy.....	Franklin	Hanna, Donald.....	Canton
Burkholder, Don.....	Canton	Hastings, Robert.....	Ravenna
Butler, John.....	Winnetka, Ill.	Haynes, Earl.....	Newark
Callaway, Joseph.....	Chicago, Ill.	Helferich, Clive.....	Detroit, Mich.
Campbell, Edmond.....	Dayton	Hick, Louis.....	Cambridge
Campbell, Lynn.....	Newark	Hines, Paul.....	Urbana
Carl, Jack.....	East Palestine	Holden, James.....	Granville
Chapin, Sidney.....	Cleveland Heights	Houser, William.....	Urbana
Christie, James.....	Detroit, Mich.	Howard, Robert.....	East Massillon
Cleir, John.....	Newark	Hudson, Raymond.....	Rochester, N. Y.
Clough, Herbert.....	Cleveland Heights	Humphries, Howald.....	Cincinnati
Collins, Frank.....	Hillsboro	Irvin, Frank.....	Shaker Heights
Cope, William.....	Steubenville	Jenverin, Gordon.....	Hampton Falls, N. H.
Crawford, Charles.....	Dayton	Johnson, Delvin.....	Steubenville
Davies, Robert.....	Canton	Johnson, John.....	Elyria

Johnson, Ray.....Evanston, Ill.
 Jones, Charles.....Warren
 Jones, Jack.....Granville
 Jones, Orval.....Granville
 Jones, Westbrook.....Detroit, Mich.
 Judd, Thomas.....Lakewood
 Kates, William.....Philadelphia, Pa.
 Kuhn, Overton.....Columbus
 Lamason, Orville.....Montclair, N. J.
 Lanfear, Tom.....Bedford
 Lawrence, Charles.....Mt. Vernon
 Lay, John.....Port Clinton
 Lee, John.....Grand Rapids, Mich.
 Lewitt, Richard.....Detroit, Mich.
 Linn, William.....Dayton
 Lintner, Mark.....Columbus
 Little, Robert.....Grosse Pointe, Mich.
 Long, Walter.....Haddon Heights, N. J.
 Lutton, Bertram.....Evanston, Ill.
 McBurney, Richard.....Cambridge
 McCarthy, Robert.....Detroit, Mich.
 McCollum, Albert.....Granville
 McFadden, Edward.....Newark
 McMullen, Gordon.....Ferndale, Mich.
 Maliszewski, Edward.....Grosse Pointe, Mich.
 Marquardt, David.....Dayton
 Minton, Stephen.....Beaver, Pa.
 Moore, Howard.....Kirkersville
 Moore, Wayne.....Granville
 Morlan, Robert.....North Madison
 Moyer, James.....Columbus
 Munger, George.....Grosse Pointe, Mich.
 Murphy, John.....Gaines, Mich.
 Murphy, William.....Newark
 Neuschel, Robert.....Hamburg, N. Y.
 Nichol, John.....Mt. Vernon
 Nygren, Donald.....Chicago, Ill.
 Oberhelman, William.....Cincinnati
 Orme, Arthur.....Cambridge
 Orwig, John.....Fostoria
 Packard, Hall.....Birmingham, Mich.
 Peckmeyer, Jack.....Galloway
 Pierson, Philip.....Pittsburgh, Pa.
 Place, John.....Pittsburgh, Pa.
 Reed, George.....Steubenville
 Reed, Roger.....St. Petersburg, Fla.
 Rendall, William.....Newfane, N. Y.
 Restruck, William.....Detroit, Mich.
 Riley, Jack.....Canton
 Roberts, Dudley.....Granville
 Robey, Robert.....Caldwell
 Robinson, Paul.....Hebron
 Roehm, John.....Detroit, Mich.
 Satten, Dewart.....Scarsdale, N. Y.
 Saxton, Frank.....Toledo
 Sawyer, Jay.....Lakewood
 Schroeder, John.....Evanston, Ill.
 Sells, LeRoy.....Rochester, N. Y.
 Sharp, Charles.....Thurston
 Sims, John.....Shaker Heights
 Sisson, William.....Rahway, N. J.
 Smith, Clifford.....Canton
 Smith, David.....Pittsburgh, Pa.
 Smith, Robert.....Grosse Pointe, Mich.
 Sorenson, Edwin.....Findlay
 Souers, Millard.....Canton
 Spengler, William.....Toledo
 Sperry, Edward.....Battle Creek, Mich.
 Stephan, David.....Upper Sandusky
 Stephens, Walter.....Rochester, N. Y.
 Stiner, Charles.....Granville

*Deceased.

Stitt, Richard.....Chicago, Ill.
 Swainhart, Robert.....Akron
 Taylor, Lyle.....Hamilton, Ind.
 Taylor, William.....Lancaster
 Tiemann, James.....Newark
 Toto, Patrie.....Niles
 Trautman, George.....Columbus
 Wallace, John.....Detroit, Mich.
 Ward, Frank.....Evanston, Ill.
 White, Robert.....Rising sun
 Wilcox, Norman.....Detroit, Mich.
 Williams, Cyde.....Columbus
 Woodring, Donald.....Altoona, Pa.
 Woodward, John.....Bellevue
 Zartman, Ned.....Cincinnati

Adams, Jean.....Coshocton
 Adams, Mary Kathleen.....Marion
 Anderson, Betty.....Newark
 Armstrong, John.....Bexley
 Arnold, Barbara.....Leonia, N. J.
 Bach, Jean.....Bellevue, Ky.
 Backus, Nancy.....Royal Oak, Mich.
 Baldwin, Florence Elizabeth.....Columbus
 Baldwin, Ruth.....Kenosha, Wis.
 Bateman, Rosamond.....Cleveland
 Bell, Lucille.....Grosse Pointe Pk., Mich.
 Bender, Betty.....Detroit, Mich.
 Blackwood, Helen.....Detroit, Mich.
 Boer, Barbara.....Bay Village
 Boggs, Charlotte.....Granville
 Briggs, Bettie.....Troy
 Brown, Barbara.....Birmingham, Mich.
 Brown, Marianna.....Columbus
 Brown, Suzanne.....Oak Park, Ill.
 Bruce, Carolyn.....Garrettsville
 Bruckert, Marjorie.....River Forest, Ill.
 Buckwalter, Margaret.....Flemington, N. J.
 Burgess, Anne.....Bexley
 Burnett, Margaret.....Grosse Pointe, Mich.
 Butzman, Betty Jane.....Rocky River
 Campbell, Mabel.....Granville
 Chalfant, Jeanne.....Pittsburgh, Pa.
 Clark, Mary Jane.....Glencoe, Ill.
 Coffman, Catherine.....Columbus
 Colford, Martha Jane.....Detroit, Mich.
 Cowles, Jerry.....River Forest, Ill.
 Craig, Betty.....Dayton
 *Cresson, Helen.....Swarthmore, Pa.
 Daman, Mary Lou.....Napoleon
 Daniels, Mary.....Shaker Heights
 Dayhoff, Rita.....Oak Park, Ill.
 Dorey, Elizabeth Ann.....Findlay
 Dunlap, Mary.....Columbus
 English, Betty.....Ashbury Park, N. J.
 Engstrom, Alice-Jeanette.....Detroit, Mich.
 Ferguson, Martha.....Lancaster
 Foot, Phoebe.....Red Wing, Minn.
 Frowine, Susan.....Bowling Green
 Frush, Pansy.....Thornville
 Fulton, Barbara.....Euclid
 Graves, Jacqueline.....Akron
 Greene, Janet.....Royal Oak, Mich.
 Gregg, Doris.....Oak Park, Ill.
 Gregory, Mary Louise.....Massillon
 Hare, Sally.....Upper Sandusky
 Harris, Ann.....Mt. Vernon
 Heyzel, Martha.....Ridgefield, N. J.
 Hofelleh, Margaret.....Detroit, Mich.
 Hoffline, Mary Ann.....Bexley

Hopkins, Ann.....	Benton Harbor, Mich.	Richey, Marjorie.....	Grosse Pointe Farms, Mich.
Howard, Ruth.....	Jamestown, N. Y.	Richter, Maridan.....	Chicago, Ill.
Howells, Margie.....	Cleveland	Root, Brinca.....	Canton
Hughes, Lorraine.....	Detroit, Mich.	Roudebush, Ruth.....	Norwood
Hull, Gabrielle.....	Columbus	Scott, Marion.....	Lakewood
Hunter, Anne.....	Bellbrook	Seagrave, Leslie.....	Granville
Ireland, Virginia.....	Birmingham, Ala.	Sefton, Helen.....	Akron
Jaworski, Helen.....	Detroit, Mich.	Shepard, Alice.....	Granville
Jenkins, Helen.....	Columbus	Sherbondy, Pauline.....	West Newton, Penn.
King, Jane.....	Detroit, Mich.	Shively, Wilma.....	Dayton
Kelndienst, Viola.....	Maplewood, N. J.	Sigler, Betty.....	Harborton
Knoop, Barbara.....	Troy	Skinner, Alice.....	Hamilton
Knox, Virginia.....	Hinsdale, Ill.	Smith, Jeanne.....	Tallmadge
Kohler, Mary.....	Columbus	Snider, Dorothy.....	Rochester, N. Y.
Kreider, Anna.....	Auburn, Ind.	Stewart, Gail.....	Bay Village
Larwood, Marjorie.....	Albion, N. Y.	Swartz, Joann.....	Albion, N. Y.
Lewis, Ann.....	Shaker Heights	Taylor, Nancy.....	Covington, Ky.
Love, Barbara.....	Mt. Vernon, N. Y.	Tinnerman, Elizabeth.....	Cleveland
Lowrey, Constance.....	Winnetka, Ill.	Todhunter, Mary.....	Mt. Vernon
McCollum, Gene.....	Granville	Touche, Marjorie.....	Oak Park, Ill.
McCormack, Emily.....	Chicago, Ill.	Townsend, Jane.....	Canton
McElhatten, Maxine.....	Charleston, W. Va.	Tretheway, Thelma.....	S. Orange, N. J.
McFadden, Lillian.....	Park Ridge, Ill.	Vokes, Joan.....	Detroit, Mich.
McKee, Susanne.....	East Cleveland	Volta, Jane.....	Chicago, Ill.
McVeigh, Jean.....	Columbus	Walker, Betty.....	S. Orange, N. J.
Metcalf, Carolyn.....	Lancaster	Walter, Nancy.....	Shaker Heights
Mitchell, JoAnn.....	Juliet, Ill.	Watkins, Hazel.....	Massillon
Molsberry, Sue.....	Youngstown	Watson, Harriet.....	Old Fort
Moore, Janet.....	White Plains, N. Y.	Weeks, Elizabeth.....	Leonia, N. J.
Muth, Shirlee.....	Detroit, Mich.	Westfall, Betty.....	Columbus
Needham, Helen.....	Greenville, Pa.	Whiting, Jeanne.....	Warren
Niesonger, Phyllis.....	Dayton	Willett, Mary.....	Granville
Pearse, Jayne.....	Cleveland Heights	Williams, Anne.....	Columbus
Pilgrim, Mary.....	River Forest, Ill.	Williamson, Frances.....	Oak Park, Ill.
Puffer, Harriett.....	Grosse Pointe, Mich.	Wold, Laurene.....	Columbus
Pullis, Myrie.....	Clifton, N. J.	Woodyard, Sara.....	Oak Park, Ill.
Ramsower, Isabel.....	Columbus	Wray, Anne.....	Swarthmore, Pa.
Richards, Louise.....	Besley		

PART-TIME STUDENTS

Deubler, Lawrence.....	Columbus	Johnson, Mrs. A. J.....	Granville
Hoover, John.....	Granville	Lowe, Blanche.....	Newark
Long, Albert B.....	Newark	Norton, Theresa.....	Asheville, N. C.
Romet, John.....	Brooklyn, N. Y.	Rice, Flora.....	Flag Pond, Tenn.
Skinner, George.....	Newark	Scroggs, Blanche.....	Braunstown, N. C.
Smith, William T.....	Marion	Shelton, Mavis.....	Flag Pond, Tenn.
Blosser, Mrs. Ruth.....	Granville	Stemore, Ella.....	Hyden, Ky.
Everhart, Mary L.....	Granville	Wilson, Grace.....	Granville
Hensley, Milton.....	Elizabethton, Tenn.	Yeager, Patricia.....	Granville

EXTENSION STUDENTS

Earhart, John L.....	Newark	Hoover, Irene.....	Newark
Greider, George.....	Newark	Hutchinson, Phyllis.....	Newark
Harlow, Paul.....	Newark	Irwin, Elizabeth.....	Newark
Kreaser, Frank.....	Newark	King, Elizabeth.....	Newark
Long, Albert.....	Newark	Kuntz, Mary S. (Mrs.).....	Newark
Morgan, James.....	Newark	Larson, Mary.....	Newark
Orr, Clifford.....	Newark	McDowell, Clara (Mrs.).....	St. Louisville
Sherman, Edgar.....	Newark	Morgan, Ruth.....	Newark
Tipton, Lewis.....	Newark	Radwell, Capitola.....	Newark
Comisar, Helen V.....	Newark	Robinson, Rosemary.....	Newark
Conna, Jane.....	Granville	Russell, Nell.....	Newark
Danner, Elizabeth.....	Newark	Severe, Jessie.....	Newark
Day, Ida M.....	Newark	Taylor, Clara.....	Newark
Evans, Whitfred.....	Newark	White, Mrs. Walter.....	Newark
Felumies, Janet.....	Newark	Williams, Annamæ.....	Newark
Gleckler, Edna.....	Newark		

ADDITIONAL ENROLLMENT FOR THE SECOND SEMESTER 1938-1939

(Not registered First Semester 1938-1939)

POST-GRADUATE

Martin, Ira	Portsmouth	Hopkins, Margaret...	Crawfordsville, Ind.
Zimmer, Carl	Adams Mills		

SENIORS

Boylan, Burson	Youngstown
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JUNIORS

Brenneman, Girard.....	Lisbon	Eddy, Charles	Granville
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SOPHOMORES

Cist, Wilbur.....	Rutherford, N. J.	Servis, Jack.....	Detroit, Mich.
Conant, Robert.....	Walworth, N. Y.	Butler, Blanche.....	Niles
Mothersbaugh, Edward...	Detroit, Mich.		

FRESHMEN

Downing, Max.....	Detroit, Mich.	Quimet, Thomas.....	Lansing, Mich.
Harrison, Robert.....	Newark	Collins, Peggy	Geneva, Ill.
Johnson, Tim.....	Middletown	Johnson, Mary.....	Oceanside, N. Y.

ADDITIONAL ENROLLMENT FOR THE SECOND SEMESTER 1937-1938

not included in the catalog of January, 1938. Classification as of 1937-1938

SENIORS

Lewis, William.....	Granville	Noble, William.....	Columbus
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JUNIORS

Hallstein, Harold.....	Shaker Heights	LaRue, Thomas.....	Columbus
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SOPHOMORES

Blasbee, Clark.....	Jackson, Mich.	Slegrist, George.....	Coshocton
McGiffin, Robert.....	Coshocton	Adams, Erma.....	Coshocton
Morrow, David.....	Hebron	Beggs, Jane.....	Granville
Price, Myron.....	Newark	Chappell, Donna	Cleveland
Rieger, James.....	Bloomingsdale	Hahn, Marie.....	Lakewood

FRESHMEN

Buhr, Joseph.....	Ann Arbor, Mich.	Lewitt, Richard.....	Detroit, Mich.
Eggert, Irving.....	Ironton	McBride, Jack.....	Chicago, Ill.
Johnson, Eric.....	Maysville, Wis.	Radke, Robert.....	Toledo
Lewis, Paul.....	Newark	Brooks, Mary Jane.....	Detroit, Mich.

CONSERVATORY OF MUSIC

SENIOR CLASS

Public School Music	Voice and Public School Music
Mary Jane Townsley.....	Lancaster
Piano and Public School Music	Ruth Jennings.....
Katherine Wolfe..	Harpers Ferry, W. Va.

UNCLASSIFIED

Athey, Gerald.....	Milwaukee, Wis.	Seamohorn, Gilbert.....	Williamstown, W. Va.
Bailey, Bernard.....	Newton, Ia.	Sharp, Granville.....	Cleveland
Barlow, Merton.....	Rochester, N. Y.	Sheldon, William.....	Chagrin Falls
Berger, Willis.....	Newark	Siegrist, George.....	Coshocton
Born, David.....	Bedford	Sims, John.....	Shaker Heights
Bohl, Robert.....	Hillsboro	Smith, Clifford.....	Canton
Bowman, Vern.....	Sharpsville, Pa.	Sorenson, Edwin.....	Findlay
Bradene, Paul.....	Newark	Stephan, David.....	Upper Sandusky
Bridge, William.....	Grosse Pointe, Mich.	Stiner, Carl.....	Granville
Brigham, Jack.....	Winnetta, Ill.	Stone, Leavitt.....	Bexley
Britton, Glen.....	Mt. Vernon	Sutton, Henry.....	Granville
Burkholder, Don.....	Canton	Taylor, Lyle.....	Hamilton, Ind.
Carlack, Edgar F.....	Alexandria	Taylor, William.....	Mt. Vernon
Cavagrotti, Joseph.....	Rochester, N. Y.	Thomas, Howard.....	Lancaster
Chapin, John.....	Rockville Centre, N. Y.	Townsend, Harry.....	Lancaster
Condit, Stanton.....	Dayton	Turnbull, Franklin.....	Milwaukee, Wis.
Davies, Robert.....	Canton	Unsted, James.....	Circleville
Dean, Forest.....	Wooster	Wheeler, Robert.....	Wyoming
Deeds, Edward.....	Granville	White, Robert.....	Rising Sun
Deubler, Laurence.....	Columbus	Wiley, Ronald.....	Granville
Dewey, John.....	Western Springs, Ill.	Wright, Harold.....	Granville
Dippery, Franklin.....	Van Wert	Wright, Robert.....	Granville
Douglass, William.....	Detroit, Mich.		
Downs, Jack.....	Cleveland		
Drummond, David.....	Cleveland		
Epstein, Urvan.....	Cleveland Heights		
Gordon, Robert.....	Pittsburgh, Pa.		
Gonnell, Dale.....	Granville		
Gregg, Thomas.....	Lima		
Hage, Albert.....	River Forest, Ill.		
Hall, Richard.....	Newark		
Harding, Robert.....	Winnetta, Ill.		
Hoopes, Jack.....	Marysville		
Hoover, John.....	Granville		
Hough, Norman.....	Cleveland		
Howard, Robert.....	Massillon		
Hurley, Jack.....	Glen Ellyn, Ill.		
Jewett, Sterling.....	Cheshire, Conn.		
Johnson, Eric.....	Mayville, Wis.		
Johnson, William.....	Granville		
Jones, Dr. Roland W.....	Newark		
Klein, Chester.....	Granville		
Laegeler, Frank.....	East Orange, N. J.		
Lamason, Orville.....	Montclair, N. J.		
Landfear, Tom.....	Bedford		
Lindstrom, John.....	Niles Center, Ill.		
McClanathan, John.....	Port Clinton		
McKinnie, Curtis.....	Springfield, Ill.		
Mandry, David.....	Martins Ferry		
Minton, Stephen.....	Beaver, Pa.		
Mitchell, David.....	Detroit, Mich.		
Molen, Franklin.....	Dayton		
Mounahan, Frank.....	Chicago, Ill.		
Moore, John.....	Chicago, Ill.		
Moore, Wayne.....	Granville		
Morian, Robert.....	North Madison		
Moyer, James.....	Columbus		
Nelms, Joseph.....	East Cleveland		
Neubert, John.....	Granville		
Norpell, Thomas.....	Newark		
Paxton, Dirkey.....	Dayton		
Place, John.....	Pittsburgh, Pa.		
Price, Myron.....	Newark		
Purvis, Donald.....	Pittsburgh, Pa.		
Radice, Robert.....	Toledo		
Reed, Roger.....	Mt. Petersburg, Fla.		
Restrick, William.....	Detroit, Mich.		
Ringle, Frederick.....	Tiffin		
Saunders, Paul.....	Mt. Vernon, N. Y.		
		Adams, Charlyn.....	Parkersburg, W. Va.
		Adams, Jean.....	Coshocton
		Adams, Jean.....	Granville
		Arnold, Barbara.....	Leonia, N. J.
		Rach, Jean.....	Bellevue, Ky.
		Baldwin, Marjorie.....	Columbus
		Barbour, Priscilla.....	Evanston, Ill.
		Bateman, Rosamond.....	Cleveland
		Bell, Lucille.....	Grosse Pointe, Mich.
		Boer, Barbara.....	Bay Village
		Borz, Charlotte.....	Granville
		Bond, Jane.....	Washington, Pa.
		Borker, Barbara.....	Highland Park, Mich.
		Boughner, Betty.....	Clarksburg, W. Va.
		Bowman, Carolyn.....	Zanesville
		Briggs, Bettie.....	Troy
		Bruckert, Marjorie.....	River Forest, Ill.
		Buchanan, Lois.....	Washington, Pa.
		Burnett, Margaret.....	Grosse Ile, Mich.
		Burnham, Dorothy.....	Eden, N. Y.
		Butzman, Betty Jane.....	Rocky River
		Campbell, Mabel.....	Granville
		Cheadle, Emma Lou.....	Columbus
		Christian, June.....	Cleveland Heights
		Coffman, Catherine.....	Columbus
		Collard, Martha.....	Detroit, Mich.
		Cowles, Jerry.....	River Forest, Ill.
		Craig, Betty.....	Dayton
		Dantele, Mary.....	Shaker Heights
		Davis, Ema Jean.....	Granville
		Dayhoff, Rita.....	Oak Park, Ill.
		Debel, Frances.....	Cleveland
		Dorsey, Jane.....	Lyndhurst
		Dunlap, Mary.....	Columbus
		English, Betty.....	Auburn Park, N. J.
		Engstrom, Alice-Jeanette.....	Detroit, Mich.
		Eschman, Alice.....	Granville
		Eschman, Barbara.....	Granville
		Faris, Helen.....	Pomeroy
		Fletcher, Jeanne.....	Columbus
		Galloway, Dorothy.....	Cedarville
		Galloway, Rebecca.....	Cedarville
		Gardiner, Mary.....	Middletown
		Gates, Alice.....	Granville

Gates, Evelyn.....	Granville	Puffer, Harriet....	Grosse Pointe, Mich.
Gates, Jenny June.....	Columbus	Pullis, Myrie.....	Clifton, N. J.
Goodhue, Kathryn.....	Leominster, Mass.	Putnam, Ann.....	Cleveland
Goodwin, Agnes.....	Adrian, Mich.	Rea, Sally.....	Ft. Wayne, Ind.
Graves, Jacqueline.....	Akron	Reed, Mary.....	Ironton
Grege, Doris.....	Oak Park, Ill.	Reese, Mrs. Everett.....	Newark
Gregg, Jean.....	Oak Park, Ill.	Reynolds, Mary Jane.....	Cleveland Heights
Gregg, Mary Jane.....	Lima	Rhoton, Dorothy.....	Cleveland Heights
Grimm, Lillian.....	Cincinnati	Rowland, Ardith.....	Granville
Hahn, Marie.....	Lakewood	Ryan, Mary Lou.....	Hamilton, N. Y.
Hall, Geraldine.....	Granville	Scheldegger, Esther.....	Kirkersville
Hare, Sally.....	Upper Sandusky	Sefton, Helen.....	Akron
Harris, Ann.....	Mt. Vernon	Sergardi, Marie.....	Detroit, Mich.
Hergel, Martha.....	Ridgefield, N. J.	Shank, Ruth.....	Cleveland
Hofelich, Margaret.....	Detroit, Mich.	Shaw, Beatrice.....	Buffalo, N. Y.
Hopkins, Ann.....	Benton Harbor, Mich.	Shepard, Alice.....	Granville
Howard, Ruth.....	Jamestown, N. Y.	Sherbondy, Pauline.....	West Newton, Pa.
Howells, Margie.....	Cleveland	Shively, Wilma.....	Dayton
Huff, Jeanette.....	Bethesda	Shumaker, Margaret.....	Granville
Huffman, Phyllis.....	Alexandria	Sigler, Betty.....	Akron
Hunter, Anne.....	Bellbrook	Simmons, Sylvia.....	Ossining, N. Y.
Jaworski, Helen.....	Detroit, Mich.	Skinner, Alice.....	Hamilton
Jeffrey, Lucille.....	Uniontown, Pa.	Smith, Arlene.....	Granville
Jenkins, Helen.....	Columbus	Smith, Ruth.....	Columbus
Johnston, Louise.....	Wyoming	Snider, Dorothy.....	Rochester, N. Y.
Jones, Jacqueline.....	Owatonna, Minn.	Stacy, Phyllis.....	Bexley
Joist, Emily.....	Granville	Stewart, Betty.....	Granville
Killian, Jean.....	Toledo	Stoll, Florence.....	Rochester, N. Y.
Klein, Alice.....	Granville	Suter, Mrs. N. S.....	Newark
Knox, Virginia.....	Hinsdale, Ill.	Swartz, Joann.....	Albion, N. Y.
Koos, Betty.....	Toledo	Taylor, Nancy.....	Covington, Ky.
Kovachy, Lillian.....	Shaker Heights	Timm, Dorothy.....	Bay City, Mich.
Lindaman, Dorothy.....	Columbus	Tinnerman, Elizabeth.....	Cleveland
Logan, Phyllis.....	Athens	Townsend, Jane.....	Canton
Longbaugh, Virginia.....	Canton	Tretheway, Thelma.....	Rochester, N. Y.
Love, Barbara.....	Mt. Vernon, N. Y.	Van Deventer, Louise.....	Evanston, Ill.
Lovell, Mrs. V. P.....	Mt. Vernon	Van Horn, Elizabeth.....	Nashville, Tenn.
Lowrey, Constance.....	Winnetka, Ill.	Vierling, Ruth.....	Oradell, N. J.
McCollum, Gene.....	Granville	Vokes, Joan.....	Detroit, Mich.
McCorrack, Emily.....	Chicago, Ill.	Voltz, Jane.....	Chicago, Ill.
McElhatten, Maxine.....	Charleston, W. Va.	Walker, Betty.....	S. Orange, N. J.
McFadden, Lillian.....	Park Ridge, Ill.	Watkins, Ellen.....	Granville
Matthews, Gloria.....	Evanston, Ill.	Watkins, Hazel.....	Massillon
Menendian, Margaret.....	Columbus	Weeks, Elizabeth.....	Leonia, N. J.
Milne, Mrs. Arthur.....	Granville	Westcott, Priscilla.....	River Forest, Ill.
Mitchell, Jo Ann.....	Joliet, Ill.	Whiteford, Madge.....	Newark
Montross, Marilyn Elizabeth.....	Troy	Whiting, Jeanne.....	Warren
Moore, Janet.....	White Plains, N. Y.	Wicker, Lucia.....	Snyder, N. Y.
Morris, Cynthia.....	Granville	Willett, Mary.....	Granville
Nebel, Eleanor.....	Chicago, Ill.	Williamson, Frances.....	Oak Park, Ill.
Osmond, Elizabeth.....	Cleveland	Wingert, Rebecca.....	Granville
Pearse, Jayne.....	Cleveland Heights	Woodyard, Sara.....	Oak Park, Ill.
Pilgrim, Mary.....	River Forest, Ill.	Wray, Anne.....	Swarthmore, Pa.

ADDITIONAL ENROLLMENT FOR SECOND SEMESTER 1938-1939

(Not Registered in Conservatory First Semester 1938-1939)

Bashore, Delphon.....	Hammond, Ind.	Royce, Joseph.....	Brooklyn, N. Y.
Boyd, Robert.....	Newark	Smith, G. Robert.....	Grosse Pointe, Mich.
Braunung, Robert.....	Zanesville	Starr, Rowand.....	Detroit, Mich.
Collander, Ned.....	Ashtabula	Switzer, Harry.....	Youngstown
Crawford, Howard.....	Detroit, Mich.	Tamblin, Jack.....	Detroit, Mich.
Crites, John.....	Charleston, W. Va.	Tompert, James.....	Dayton
Duffey, Donald.....	St. Petersburg, Fla.	Walt, Dwight.....	Glenahaw, Pa.
Hubona, Michael.....	Chicago, Ill.	Wheeler, Charles.....	Allison Park, Pa.
Maliszewski, Edward.....	Grosse Pointe, Mich.	Barr, Mary.....	Dayton
Musal, Alfred.....	Yonkers, N. Y.	Bruce, Carolyn.....	Garrettsville
Oulmet, Thomas.....	East Lansing, Mich.	Collins, Peggy.....	Geneva, Ill.
Roberts, Dudley.....	Granville	Daman, Mary Lou.....	Napoleon

DiDomenica, Edna.....	Philadelphia, Pa.	Lancashire, Mary Margaret.....	Maumee
Evensen, Elinor.....	Highland Park, Ill.	Larwood, Marjorie.....	Albion, N. Y.
Geil, Ruth.....	Granville	Lewis, Ann.....	Shaker Heights
Goodell, Emma Jean.....	Granville	Nixon, Elizabeth.....	Rochester, N. Y.
Hopkins, Margaret.....	Crawfordsville, Ind.	Ramsower, Isabel.....	Columbus
Hubach, Virginia.....	Ben Avon, Pa.	Richardson, Nancy.....	Lorain
Hulligan, Betty.....	Lakewood	Richter, Maridan.....	Chicago, Ill.
Isant, Margaret.....	Warren	Rope, Evelyn.....	Pittsburgh, Pa.
Johnson, Mary.....	Ocean City, N. Y.	Rope, Margery.....	Pittsburgh, Pa.
Killian, Barbara.....	Toledo	Schuta, Shirley.....	Toledo
King, Jane.....	Detroit, Mich.	Sipple, Marcia.....	Warren, R. I.
Klemm, Jeanne.....	Bloomington, Ill.	Williams, Betty.....	Granville
Knoop, Barbara.....	Troy	Wilson, Jean.....	Chagrin Falls

ADDITIONAL ENROLLMENT FOR SECOND SEMESTER 1937-1938

(Not included in the catalogue of January, 1938)

Adams, Jean.....	Granville	Flory, David.....	Dayton
Barney, Edward.....	Dayton	Gates, Jenny June.....	Columbus
Barr, Mary.....	Dayton	Giffin, Roy.....	Dayton
Bedell, Betty.....	Norwalk	Gregor, Marion.....	Columbus
Bennett, Richard.....	Columbus	Hahn, Marie.....	Cleveland
Bitzer, Dorothy.....	River Forest, Ill.	Henry, Betty Ann.....	Tulsa, Okla.
Bjelke, Eleanor.....	Granville	Hickman, Daniel.....	Castile, N. Y.
Blaisdel, Eugene.....	Amarillo, Texas	Jones, Dr. Roland W.....	Newark
Buchanan, Lois.....	Washington, Pa.	Jones, Winifred.....	Jackson
Burkhart, Roy.....	Toledo	Johnston, Louise.....	Wyoming
Collins, Katherine.....	Norwood	Koca, Betty.....	Toledo
Coelho, Ted.....	Newark	Welsh, Paul.....	Granville
Crawford, Howard.....	Detroit, Mich.	Wheeler, Elnora.....	Portsmouth
DeFosset, Gordon.....	Cincinnati	Wood, Mary Elizabeth.....	Washington C.H.
Eschman, Alice J.....	Granville	Zimmer, Katherine.....	Charleston, W. Va.
Evans, Evelyn.....	Elwood, Ind.		

GEOGRAPHICAL CENSUS

(First Semester 1938-1939)

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Alabama	0	1	1
California	1	1	2
Connecticut	3	0	3
Florida	2	0	2
Illinois	45	40	85
Indiana	3	6	9
Iowa	1	1	2
Kentucky	1	2	3
Maryland	1	1	2
Massachusetts	3	1	4
Michigan	55	36	91
Minnesota	0	2	2
Missouri	1	2	3
New Hampshire	2	0	2
New Jersey	11	19	30
New York	37	26	63
North Carolina	1	0	1
Ohio	264	239	503
Pennsylvania	20	19	39
Rhode Island	1	1	2
Tennessee	0	4	4
Texas	1	0	1
Virginia	1	2	3
West Virginia	3	6	9
Wisconsin	4	1	5
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Total (full-time)	461	410	871
Part-time students	6	12	18
Conservatory (non-college)	8	15	23
Extension students	9	22	31
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Grand Total exclusive of repetition)	483	459	942

SUMMARY OF STUDENT ATTENDANCE

(First Semester, 1937-1938)

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Post-graduate	1	0	1
Seniors	79	69	148
Juniors	87	77	164
Sophomores	136	135	271
Freshmen	158	129	287
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Total Full-Time	461	410	871
Part-time (collegiate rank)	6	12	18
Conservatory of Music (col. rank)	83	137	220
(non-college rank)	8	15	23
Extension	9	22	31
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Grand Total	567	596	1163
Grand Total (exclusive of repetition)	483	459	942

CONSERVATORY REGISTRATION

(First Semester, 1937-1938)

*Seniors	10	13,	23
*Juniors	18	13	31
*Sophomores	28	43	71
*Freshmen	27	68	95
Non-collegiate	8	16	24
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Total	91	153	244

*Refers to collegiate rank.

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